Listing of Prufrex-Patents associated to products
Prüfrex-Patent- und Produktzuordnung

PRUFREX®
INTELLIGENCE IN DRIVES

Date / Datum: 30-May-2022
Est. by / Bearbeiter: D. Lenz, M. Paul

Patents **Patente** **Pending Patents** **Patentanmeldungen**		US 6,761,148	US 8,150,606	US 7,156,075	US 6,701,896	US 8,032,292	US 8,689,756	US 9,417,096	US 9,574,539	US 9,777,693	US 9,932,935	US 9,841,355	US16/203,761	US 10,920,734			DE 10 2010 038 004	DE 10 2010 037 478	DE 102 32 756	DE 10 2013 017 008	DE 10 2013 016 028	DE 10 2012 112 948	DE 10 2014 003 297	DE 10 2013 020 739	DE 10 2016 207 305	DE 10 2018 219 004	DE 10 2018 206 991	DE 10 2018 212 548	DE 10 2019 201 200	DE 10 2019 206 123	DE 10 2019 217 143	DE 10 2021 205 880.9	DE 10 2021 204 949.4			CN 103807080	CN 103790749		
Product	Technology	**US Patents and pending Patents**															**DE Patents and pending Patents**																			**CN Patents**			
Produkt	Technologie	**US Patente**															**DE Patente**																			**CN Patente**			
CDIM 100/7	CDIM		x	x		x																																	
CDIM 100/7_M	CDIM		x	x		x																																	
CDIM 100/10	CDIM		x	x		x																																	
CDIM 100/11	CDIM		x	x		x																																	
CDIM 100/13	CDIM		x	x																																			
CDIM 108/4	CDIM																																						
CDIM 110/1	CDIM		x	x		x												x																					
CDIM 110/2	CDIM		x	x		x												x																					
CDIM 120/15	CDIM		x	x		x												x																					
CDIM 120/16	CDIM	x																																					
CDIM 125/1	CDIM																																						
CDIM 150/5	CDIM		x	x		x												x																					
ESG1/1	ESG																																						
EZB 6/5	EZB																																						
EZB 12/3	EZB																																						
EZB 12/5	EZB																																						
EZB 24/16	EZB																																						
EZB 24/17	EZB																																						
EZB 24/19	EZB																																						
EZB 24/20	EZB																																						
EZB 24/21	EZB																																						
EZW 230/13	EZW																x																						
EZW 230/14	EZW																x																						
EZW 400/3	EZW																x																						
EZW 400/4	EZW																x																						
GZ 27/1	GZ																																						
HDZ423800JSGDS	HDZ																																						
IPI112300IAVCS	AV																																						
IPI112300IAVDS	AV																																						
IPI112400IM2DS	MC2				x	x													x																				
IPI113000IM3CS	MC3	x		x	x	x	x	x	x										x	x	x														x	x		
IPI113018IM3CS	MC3	x		x	x	x	x	x	x										x	x	x														x	x		
IPI113300IAVDS	AV																																						
IPI113300IAVUS	AV																																						
IPI113500IM3BS	MC3	x		x	x	x	x	x	x										x	x	x														x	x		
IPI113500IM3DS	MC3	x		x	x	x	x	x	x										x	x	x														x	x		
IPI113800ISMDE	SMT	x		x	x		x												x																				
IPI113800ISMDS	SMT	x		x	x		x												x																				
IPI113900IM2US	MC2				x	x													x																				
IPI113900IM3DS	MC3	x		x	x	x	x	x	x										x	x	x														x	x		
IPI114000ISMDS	SMT	x		x	x		x												x																				
IPI114000ISMUS	SMT	x		x	x		x												x																				
IPI114000JSMDS	SMT	x		x	x		x												x																				
IPI114000JSMUS	SMT	x		x	x		x												x																				
IPI114001ISMDS	SMT	x		x	x		x												x																				
IPI114001JSMDS	SMT	x		x	x		x												x																				
IPI114005ISMDS	SMT	x		x	x		x												x																				
IPI114005ISMUS	SMT	x		x	x		x												x																				
IPI1140F0IM2US	MC2				x	x													x																				
IPI1140F0IM3DS	MC3	x		x	x	x	x	x	x										x	x	x														x	x		
IPI1140F0IM3US	MC3	x		x	x	x	x	x	x										x	x	x														x	x		
IPI1140P0IM2DS	MC2				x	x													x																				
IPI1140P0IM2US	MC2				x	x													x																				
IPI1140P0IM3DS	MC3	x		x	x	x	x	x	x										x	x	x														x	x		
IPI1140P0JM3DS	MC3	x		x	x	x	x	x	x										x	x	x														x	x		
IPI1141F0IM3DS	MC3	x		x	x	x	x	x	x										x	x	x														x	x		
IPI1141F0IM3US	MC3	x		x	x	x	x	x	x										x	x	x														x	x		
IPI1141P0IM2DS	MC2				x	x													x																				
IPI1141P0IM2US	MC2				x	x													x																				
IPI1141P0IM3DS	MC3	x		x	x	x	x	x	x										x	x	x														x	x		
IPI1141P0IM3US	MC3	x		x	x	x	x	x	x										x	x	x														x	x		
IPI114200IM3DS	MC3	x		x	x	x	x	x	x										x	x	x														x	x		
IPI114200ISMDSK	SMT	x		x	x		x												x																				
IPI114200JSMDSK	SMT	x		x	x		x												x																				
IPI114300ISMDS	SMT	x		x	x		x												x																				
IPI114302IM3CS	MC3	x		x	x	x	x	x	x										x	x	x														x	x		
IPI114302IM3DS	MC3	x		x	x	x	x	x	x										x	x	x														x	x		
IPI1143F0IM2DS	MC2				x	x													x																				
IPI1143F0IM3CS	MC3	x		x	x	x	x	x	x										x	x	x														x	x		
IPI1143F0IM3DS	MC3	x		x	x	x	x	x	x										x	x	x														x	x		
IPI1143F0IM3US	MC3	x		x	x	x	x	x	x										x	x	x														x	x		
IPI1143P0JSMDS	SMT	x		x	x		x												x																				
IPI1143P0ISMUS	SMT	x		x	x		x												x																				
IPI1143P0JSMUS	SMT	x		x	x		x												x																				
IPI131200IM3DS	MC3	x		x	x	x	x	x	x										x	x	x														x	x		
IPI131200IM3US	MC3	x		x	x	x	x	x	x										x	x	x														x	x		
IPI131300IM3DS	MC3	x		x	x	x	x	x	x										x	x	x														x	x		
IPI131500IMPDS	MC3+	x		x	x	x	x	x											x	x															x			
IPI131500IMPUS	MC3+	x		x	x	x	x	x											x	x															x			
IPI131600IMPDS	MC3+	x		x	x	x	x	x											x	x															x			
IPI131600IMPUS	MC3+	x		x	x	x	x	x											x	x															x			

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Produkt	Technologie	**US Patente**															**DE Patente**																			**CN Patente**			
IPI131700IMPDS	MC3+	x		x	x	x	x	x											x	x																x			
IPI132100IM3DS	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI132100IM3US	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI132200IM3DS	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI132200IM3US	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI132200JM3DS	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI132300IM3DS	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI132300IM3US	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI132400IM3DS	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI132400IM3US	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI132500IM3DS	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI132600IM3DS	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI132700IM3DS	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI132700IM3US	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI132800IM3DS	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI132800IM3US	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI132900IMPDS	MC3+	x		x	x	x	x	x											x	x																x			
IPI132900IMPUS	MC3+	x		x	x	x	x	x											x	x																x			
IPI133000IM3DS	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI133000IM3US	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI133000JM3DS	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI133000JM3US	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI413400IADCS	AD																																						
IPI413400IADDS	AD																																						
IPI413400IADUS	AD																																						
IPI4134C0IM3CS	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI4134C0IM3DS	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI4134E2IM3CS	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI4134E2IM3DS	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI4134E5IM3CS	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI4134E5JM3DS	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI4134T0IM3CS	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI4134T0IM3DS	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI4137FSIADBS	AD																																						
IPI414440IM2US	MC2				x	x													x																				
IPI414440IM3DS	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI414440IM3US	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI414456IM3DS	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI414456IM3US	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI4149JPIM3US	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI4149KMIM3US	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI4149USIM3US	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI418001IM3US	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI418002IM3US	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI4180B0IM2UE	MC2				x	x													x																				
IPI422400IPSDS	PS				x	x													x																				
IPI423300IADCS	AD																																						
IPI423300IADDS	AD																																						
IPI424300IM3US	MC3	x		x	x	x	x	x	x										x	x	x															x	x		
IPI424900IM2US	MC2				x	x													x																				
IPI425000INDDS	NDI																																						
MPP 490/2	MPP																																						
MPP 491/1	MPP																																						
MPP 492/1	MPP																																						
MPP 493/1	MPP																																						
MPP 494/1	MPP																																						
MTZ 100/8	MTZ																																						
MTZ 100/9	MTZ																																						
MTZ 120/1	MTZ																																						
MTZ 165/2	MTZ																																						
MTZ 165/2_ET	MTZ																																						
NG 20/230	NG																																						
OPP 501	OPP																																						
OPP 503	OPP																																						
OPP 508	OPP																																						
OPP 511	OPP																																						
OPP 513	OPP																																						
OPP 515	OPP																																						
OPP 519	OPP																																						
OPP 520	OPP																																						
OPP 521	OPP																																						
PRO5U	ZKS																																						