

Patent No:	Region	English Title	Status	Day of application [D/M/Y]	Day of registration [D/M/Y]
DE 50 305 302 US 7,415,579 JP 2006 509279A	Germany USA Japan	Memory system having a plurality of memory controllers and method for synchronizing the same	granted granted pending	4/12/2002	16.11.2006 19.08.2008
DE 10 2004 058 528 US 8,006,031 JP 2008 523528A	Germany USA Japan	Memory system with sector buffers	granted granted pending	4/12/2004	04.05.2006 23.08.2011
EP 2 215 636 US 8,261,013	Germany USA	Method for even utilization of a plurality of flash memory chips	granted granted	26/11/2007	23.07.2014 04.09.2012
EP 2 401 680 US 8,706,998	Germany USA	Method for managing flash memories having mixed memory types	granted granted	26/02/2009	06.11.2013 22.04.2014
DE 11 2010 005 870	Germany	Method for releasing storage areas that are no longer required on non-volatile storage media	granted	8/11/2010	10/10/2019
DE 11 2011 102 474	Germany	Hybrid decoding of BCH codes for nonvolatile memories	pending	13/10/2011	
DE 10 2013 100 937 US 8,717,827	Germany USA	Method for the permanently reliable programming of multilevel cells in flash memories	granted granted	30/01/2013	22.08.2013 06.05.2014
US 9,311,234	USA	Method for reliably addressing a large flash memory and flash memory	granted	24/01/2014	12/04/2016
DE 10 2014 104 717 US 9,619,325	Germany USA	Method for renewing data in order to increase the reliability of flash memories	granted granted	3/04/2014	01.08.2019 11.04.2017
DE 10 2014 108 257 US 9,501,223	Germany USA	Method for transmitting extended commands to a memory system	granted granted	12/06/2014	27.08.2015 22.11.2016
DE 10 2017 110 389 US 10,230,403 US 2019/0173495	Germany USA USA	Methods and Decoder for Soft Input Decoding of Generalized Concatenated Codes	granted granted pending	13/05/2016	04.11.2019 12.03.2019
DE 10 2017 107 431 US 10,320,421 US 2019/0268023	Germany USA USA	Method and Device for Error Correction Coding based on High-Rate Generalized Concatenated Codes	pending granted pending	13/05/2016	11.06.2019
DE 10 2017 130 591	Germany	Methods and Apparatus for Error Correction Coding based on Data Compression	pending	20/12/2016	
DE 10 2017 103 214 US 2018/0232303	Germany USA	Method and apparatus for controlling a non-volatile digital information memory	pending pending	16/02/2017	
DE 10 2017 212 767 DE 10 2017 012 260 US 10,276,246	Germany Germany USA	Method and apparatus for enhancing the reliability of a non-volatile memory	granted granted granted	25/07/2017	09.05.2019 13.06.2019 30.04.2019
DE 10 2017 124 188 US 2019/0114093	Germany USA	Method and apparatus for controlling a memory system to perform a safe shutdown of a volatile memory of a host	pending pending	17/10/2017	