

Title (en)
MAGNETIC MEMORY COMPOSITION AND METHOD OF MANUFACTURE

Title (de)
MAGNETSPEICHERZUSAMMENSETZUNG UND HERSTELLUNGSVERFAHREN

Title (fr)
COMPOSITION DE MEMOIRE MAGNETIQUE ET PROCEDE DE FABRICATION

Publication
EP 1844470 A4 20091202 (EN)

Application
EP 06704073 A 20060131

Priority

- CA 2006000113 W 20060131
- US 64780905 P 20050131
- US 18982205 A 20050727
- US 75203505 P 20051221

Abstract (en)
[origin: WO2006079215A1] A non-volatile magnetic memory device having one or more memory cells, each of the memory cells includes a magnetic switch including a magnetic component and a write coil located proximate the magnetic component, the write coil coupled to receive a current sufficient to create a remnant magnetic polarity in the magnetic component, and a Hall sensor, positioned proximate the magnetic component, to detect the remnant magnetic polarity indicative of a stored data bit.

IPC 8 full level
G11C 11/14 (2006.01); **G11C 7/10** (2006.01); **G11C 11/02** (2006.01); **G11C 11/18** (2006.01)

CPC (source: EP)
G11C 11/14 (2013.01); **G11C 11/18** (2013.01); **H10B 61/00** (2023.02); **H10N 50/01** (2023.02); **H01F 5/003** (2013.01)

Citation (search report)

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- See references of WO 2006079215A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006079215 A1 20060803; AU 2006208470 A1 20060803; CA 2596128 A1 20060803; EP 1844470 A1 20071017; EP 1844470 A4 20091202

DOCDB simple family (application)
CA 2006000113 W 20060131; AU 2006208470 A 20060131; CA 2596128 A 20060131; EP 06704073 A 20060131