

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 A1 20071017 (EN)

Application
EP 06704073 A 20060131

Priority

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- 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
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