

Title (en)
MAGNETIC BUBBLE MEMORY.

Title (de)
MAGNETBLASENSPEICHER.

Title (fr)
MEMOIRE A BULLES MAGNETIQUES.

Publication
EP 0067170 A4 19850701 (EN)

Application
EP 81903176 A 19811109

Priority
• US 20990080 A 19801124
• US 20990180 A 19801124

Abstract (en)
[origin: WO8201959A1] New geometry for the propagation elements of a field-access magnetic bubble memory which is tolerant of relatively wide gaps between elements and lower drive fields, thus resulting in greater data storage density and reduced power operation. The elements (30, 31) have shapes which define bubble 'traps' operative to hold bubbles for relatively high efficiency transfers between elements. In alternate embodiments, the elements (50-53) have an L or a 'pickaxe' shape.

IPC 1-7
G11C 19/08

IPC 8 full level
G11C 11/14 (2006.01); **G11C 19/08** (2006.01)

CPC (source: EP)
G11C 19/0816 (2013.01)

Citation (search report)
• [Y] US 4157591 A 19790605 - DEKKER EVERT H L J [NL], et al
• [X] US 4034357 A 19770705 - MEHTA KAY BEHARAT, et al
• [Y] IEEE TRANSACTIONS ON MAGNETICS, vol. MAG-13, no. 2, March 1977, pages 945-952; C.P. HO et al.: "Field-access bubble-lattice propagation devices"

Designated contracting state (EPC)
DE FR GB NL SE

DOCDB simple family (publication)
WO 8201959 A1 19820610; EP 0067170 A1 19821222; EP 0067170 A4 19850701; JP S57501803 A 19821007

DOCDB simple family (application)
US 8101496 W 19811109; EP 81903176 A 19811109; JP 50001682 A 19811109