

Title (en)

THYRISTOR VOLATILE RANDOM ACCESS MEMORY AND METHODS OF MANUFACTURE

Title (de)

FLÜCHTIGER THYRISTOR-DIREKTZUGRIFFSSPEICHER UND VERFAHREN ZUR HERSTELLUNG

Title (fr)

MÉMOIRE VOLATILE À ACCÈS ALÉATOIRE POURVUE D'UN THYRISTOR, ET PROCÉDÉS DE FABRICATION

Publication

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Application

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- US 201562186336 P 20150629
- US 2015052499 W 20150925

Abstract (en)

[origin: WO2016049601A1] A volatile memory array using vertical thyristors is disclosed together with methods of fabricating the array.

IPC 8 full level

**G11C 11/39** (2006.01); **G11C 11/402** (2006.01); **H01L 27/102** (2006.01); **H01L 29/87** (2006.01); **G11C 11/406** (2006.01)

CPC (source: CN EP US)

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Citation (search report)

- [XAI] US 2012281468 A1 20121108 - LIANG QINGQING [US], et al
- [XAI] US 2009213648 A1 20090827 - SLESAZECK STEFAN [DE]
- [XI] US 8441881 B1 20130514 - NEMATI FARID [US]
- [XI] US 2012228629 A1 20120913 - NEMATI FARID [US], et al
- See also references of WO 2016049601A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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BA ME

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**US 2015052499 W 20150925**; EP 15844478 A 20150925; EP 15844668 A 20150925; EP 15845023 A 20150925; US 2015052505 W 20150925; US 2015052507 W 20150925