

Title (en)  
APPLICATION SPECIFIC INTEGRATED CIRCUIT WITH INTEGRATED MAGNETIC SENSOR

Title (de)  
ANWENDUNGSSPEZIFISCHE INTEGRIERTE SCHALTUNG MIT INTEGRIERTEM MAGNETSENSOR

Title (fr)  
CIRCUIT INTÉGRÉ À APPLICATION SPÉCIFIQUE DOTÉ D'UN CAPTEUR MAGNÉTIQUE INTÉGRÉ

Publication  
**EP 3022569 A4 20170111 (EN)**

Application  
**EP 14826810 A 20140718**

Priority

- US 201361856560 P 20130719
- US 201414149779 A 20140107
- US 201414326926 A 20140709
- US 2014047322 W 20140718

Abstract (en)  
[origin: WO2015010105A1] A method and system for a device with a magnetic sensor element and magnetic storage elements is disclosed. The device includes an integrated circuit substrate. At least a magnetic sensor with a magnetic sensor element with a permanent magnet is disposed over the integrated circuit substrate. A plurality of magnetic storage elements, each with at least one permanent magnet is disposed over the integrated circuit substrate.

IPC 8 full level  
**G01D 5/16** (2006.01); **G01R 33/02** (2006.01); **G01R 33/038** (2006.01); **G01R 33/09** (2006.01); **G01R 33/12** (2006.01); **H01L 27/22** (2006.01); **H10N 50/01** (2023.01); **H10N 50/10** (2023.01)

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**G01D 5/16** (2013.01 - EP); **G01R 33/038** (2013.01 - EP US); **G01R 33/093** (2013.01 - EP US); **G01R 33/1207** (2013.01 - EP US); **H10B 61/00** (2023.02 - EP US); **H10B 61/20** (2023.02 - EP US); **H10N 50/01** (2023.02 - EP US); **H10N 50/10** (2023.02 - EP US)

Citation (search report)

- [Y] CN 102565727 A 20120711 - JIANGSU MULTIDIMENSION TECH CO & EP 2818884 A1 20141231 - JIANGSU MULTIDIMENSION TECH CO [CN]
- [Y] US 2006007728 A1 20060112 - SUNDSTROM LANCE [US]
- [Y] EP 1411365 A2 20040421 - YAMAHA CORP [JP]
- [Y] CN 202421483 U 20120905 - JIANGSU MULTIDIMENSION TECH CO
- See also references of WO 2015010105A1

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

DOCDB simple family (publication)  
**WO 2015010105 A1 20150122**; CN 105579860 A 20160511; CN 105579860 B 20191008; EP 3022569 A1 20160525; EP 3022569 A4 20170111

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**US 2014047322 W 20140718**; CN 201480045423 A 20140718; EP 14826810 A 20140718