

Title (en)  
ROTATIONAL POSITION SENSING

Title (de)  
DREHPOSITIONSERFASSUNG

Title (fr)  
DÉTECTION DE POSITION DE ROTATION

Publication  
**EP 2820383 A1 20150107 (EN)**

Application  
**EP 13708894 A 20130301**

Priority  
• GB 201203685 A 20120301  
• GB 2013050525 W 20130301

Abstract (en)  
[origin: WO2013128211A1] A rotational position sensing arrangement for sensing the rotational position of a rotatable member includes at least one excitation circuit. The excitation circuit has a section which includes an excitation coil, and the excitation circuit is operable to energise the section, the energy causing current to flow in the section when the section is not driven, thereby exciting an oscillating electromagnetic field. Means for coupling to the electromagnetic field is provided, thereby damping the oscillations of the electromagnetic field. The one or more excitation circuits or the coupling means are associated with the rotatable member. By providing such a coupling means damping can be improved.

IPC 8 full level  
**G01D 5/20** (2006.01); **G01F 1/075** (2006.01); **G01F 1/115** (2006.01); **G01F 15/06** (2006.01)

CPC (source: EP)  
**G01D 5/2073** (2013.01); **G01F 1/075** (2013.01); **G01F 1/115** (2013.01); **G01F 15/06** (2013.01); **G01F 15/063** (2013.01)

Citation (search report)  
See references of WO 2013128211A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2013128211 A1 20130906**; AU 2013227427 A1 20141009; AU 2013227427 B2 20161215; BR 112014021664 A8 20210309;  
CN 104246443 A 20141224; CN 104246443 B 20170901; EP 2820383 A1 20150107; EP 4009005 A1 20220608; GB 201203685 D0 20120418;  
HK 1201088 A1 20150821; MY 167633 A 20180921; NZ 700353 A 20161125

DOCDB simple family (application)  
**GB 2013050525 W 20130301**; AU 2013227427 A 20130301; BR 112014021664 A 20130301; CN 201380019708 A 20130301;  
EP 13708894 A 20130301; EP 21202898 A 20130301; GB 201203685 A 20120301; HK 15101387 A 20150206; MY PI2014002539 A 20130301;  
NZ 70035313 A 20130301