

Title (en)  
SENSOR ARRAY

Title (de)  
SENSORANORDNUNG

Title (fr)  
DISPOSITIF DE DETECTION

Publication  
**EP 1920219 A1 20080514 (DE)**

Application  
**EP 06819051 A 20060717**

Priority  
• EP 2006064318 W 20060717  
• DE 102005040168 A 20050825

Abstract (en)  
[origin: WO2007023036A1] Disclosed is a sensor array for evaluating the signals of a magnetically sensitive sensor, in which the changes in the magnetic field caused by a moved transmitting element (10) are evaluated by forming the difference. The transmitting element (10) is fitted with a plurality of magnetic poles (14, 16). A soft magnetic collecting element (18, 20) is provided which taps the magnetic field of at least two magnetic poles (14, 16) of the same kind and feeds said magnetic field to the sensor element (22).

IPC 8 full level  
**G01D 5/14** (2006.01); **G01D 5/16** (2006.01)

CPC (source: EP US)  
**G01D 5/145** (2013.01 - EP US)

Citation (search report)  
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Designated contracting state (EPC)  
DE FR IT

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**DE 102005040168 A1 20070301**; EP 1920219 A1 20080514; US 2009278530 A1 20091112; WO 2007023036 A1 20070301

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