

Title (en)
MAGNETIC DETECTOR ARRANGEMENT

Title (de)
MAGNETDETEKTORANORDNUNG

Title (fr)
AGENCEMENT DE DÉTECTEUR MAGNÉTIQUE

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EP 1969318 A4 20101006 (EN)

Application
EP 06824473 A 20061124

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Abstract (en)
[origin: WO2007064271A1] The invention discloses a magnetic detector arrangement with a magnetic sensor element (2) and a magnetic means (4) for imposing a magnetic field on the magnetic sensor element (2) , and also comprises magnetic deflector means (7) operable to direct an external magnetic field in a direction substantially parallel to the magnetic sensor element (2) . The magnetic means (4) comprise two equally polarised magnets positioned at a predefined distance apart next to each other with the polarisation in the same direction so that a magnetic field generated in operation by the two magnets is forced to be substantially parallel to the magnetic sensor element (2) . The advantage of the invention is to provide a magnetic detector arrangement with a reduced sensitivity to an outer magnetic field.

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G01R 33/025 (2013.01 - EP SE)

Citation (search report)
• [Y] GB 2389659 A 20031217 - IMI VISION LTD [GB], et al
• [Y] GB 2044461 A 19801015 - MOOG INC
• See references of WO 2007064271A1

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