

Title (en)
CORRECTION OF ANGLE ERRORS IN PERMANENT MAGNETS

Title (de)
KORREKTUR VON WINKELFEHLERN VON DAUERMAGNETEN

Title (fr)
CORRECTION DES ERREURS ANGULAIRES D'AIMANTS PERMANENTS

Publication
EP 2929549 A1 20151014 (DE)

Application
EP 13811147 A 20131209

Priority

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- EP 2013075956 W 20131209

Abstract (en)
[origin: WO2014087012A1] Disclosed is a magnet arrangement (1), comprising at least two partial magnets (2, 3) that are mechanically connected to each other, wherein the length (12) of each partial magnet (2, 3) runs in the main magnetisation direction (4) of each partial magnet (2, 3) and/or in the main direction (4) in which a partial magnet (2, 3) can be magnetised or in which its magnetisation is intended, and defines a first side (5) and a second side (6) as opposed regions at the ends of the partial magnet (2, 3) in respect of its length (12), and wherein the at least two partial magnets (2, 3) are arranged in sequence in respect of their lengths (12) and connected to each other, wherein the at least two partial magnets (2, 3) are aligned towards each other in respect of their magnetisation and/or magnetisability such that deviations in the direction of the magnetisation and/or magnetisability of the first partial magnet (2) deviating from the main magnetisation direction (4) and/or main direction (4) of magnetisability reduce and/or substantially compensate for the deviations in the direction of the magnetisation and/or magnetisability of the other or of the adjacent partial magnet (3) deviating from the main magnetisation direction (4) and/or main direction (4) of magnetisability, in particular relative to the magnetisation and/or magnetisability of the entire magnet arrangement.

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Citation (search report)
See references of WO 2014087012A1

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WO 2014087012 A1 20140612; CN 104969310 A 20151007; CN 104969310 B 20170707; DE 102013225291 A1 20140612; EP 2929549 A1 20151014; KR 102102498 B1 20200420; KR 20150092274 A 20150812; US 2015332832 A1 20151119; US 9601251 B2 20170321

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