

Title (en)
SEGMENT MAGNET AND PERMANENT MAGNET MOTOR COMPRISING SEGMENT MAGNETS

Title (de)
SEGMENTMAGNET UND PERMANENTMAGNETMOTOR MIT SEGMENTMAGNETEN

Title (fr)
AIMANT SEGMENTÉ ET MOTEUR À AIMANT PERMANENT MUNI D'UN AIMANT SEGMENTÉ

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Application
EP 17784918 A 20171004

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Abstract (en)
[origin: WO2018065455A1] The invention relates to an optimized segment magnet for a permanent magnet motor. By establishing a magnetization profile within the segment magnet in accordance with a continuous cyclic function, optimized operating characteristics for the electric motor can be achieved with a reduced use of material. The cyclic formation of the magnetization direction in the segment magnet can also be combined with shaping in accordance with a further cyclic function, in order to intensify this effect further.

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Citation (search report)
See references of WO 2018065455A1

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