

Title (en)  
STATOR CORE FOR LINEAR MOTOR

Title (de)  
STATORKERN FÜR EINEN LINEARMOTOR

Title (fr)  
NOYAU D'UN STATOR POUR UN MOTEUR LINEAIRE

Publication  
**EP 1602164 A1 20051207 (EN)**

Application  
**EP 04718470 A 20040308**

Priority  
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• SE 0300657 A 20030310

Abstract (en)  
[origin: WO2004082103A1] A linear motor comprising a stator core and/or a mover. The stator core of said linear motor comprising an inner perimeter, an outer perimeter essentially encircling the inner perimeter, a first and a second tooth being arranged along one of the inner perimeter or the outer perimeter, a slot for receiving a stator coil, said slot being a cavity arranged within the stator core, wherein said stator core is divided into a first stator part and a second stator part, said first stator part including the first tooth, being arranged to partially define the slot, and being made of soft magnetic powder, and said second stator part including the second tooth, being arranged to partially define the slot, and being made of soft magnetic powder.

IPC 1-7  
**H02K 1/12**; **H02K 1/34**; **H02K 41/02**

IPC 8 full level  
**H02K 1/14** (2006.01); **H02K 33/16** (2006.01)

CPC (source: EP KR)  
**H02K 1/145** (2013.01 - EP KR); **H02K 33/16** (2013.01 - EP KR)

Citation (search report)  
See references of WO 2004082103A1

Citation (third parties)  
Third party :  
• WO 9918649 A1 19990415 - Z & D LIMITED [GB], et al  
• GB 2299715 A 19961009 - ZHANG WEI MIN [GB]  
• "Company profile - Linear motor technology, Compressors and Vacuum pumps", WEBPAGE EXTRACT OF CO Z-D, January 2000 (2000-01-01), pages 1 - 11, XP002994139

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DOCDB simple family (publication)  
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