

Title (en)
LINEAR SYNCHRONOUS MOTOR

Title (de)
SYNCHRONLINEARMOTOR

Title (fr)
MOTEUR SYNCHRONE LINEAIRE

Publication
EP 1092259 A1 20010418 (DE)

Application
EP 99939344 A 19990616

Priority
• DE 9901765 W 19990616
• DE 19829052 A 19980629

Abstract (en)
[origin: DE19829052C1] The linear motor has a primary part (1) and a secondary part (6) with a series of permanent magnet poles (10). The secondary part has a greater length in the movement direction than the primary part. The primary part has reception slots (9) for a single-phase or multi-phase primary winding, and end pieces (2) for altering the magnetic force in the movement direction. The end faces of the end pieces (14) extend perpendicular to the movement direction.

IPC 1-7
H02K 41/03

IPC 8 full level
H02K 41/03 (2006.01)

CPC (source: EP US)
H02K 41/031 (2013.01 - EP US); **H02K 2201/06** (2013.01 - EP US)

Citation (search report)
See references of WO 0001059A1

Designated contracting state (EPC)
CH DE FR GB LI

DOCDB simple family (publication)
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DE 19829052 A 19980629; DE 9901765 W 19990616; EP 99939344 A 19990616; US 72070901 A 20010118