

Title (en)
MAGNETIC LINEAR DRIVE

Title (de)
MAGNETISCHER LINEARANTRIEB

Title (fr)
ORGANE D'ENTRAINEMENT LINEAIRE MAGNETIQUE

Publication
EP 1188222 A1 20020320 (DE)

Application
EP 00947808 A 20000620

Priority
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• DE 19929572 A 19990622

Abstract (en)
[origin: DE19929572A1] In a magnetic linear drive, a coil (10, 11) is provided, inside which a magnetic flow (13) can be produced by a current in axial direction (34). Said drive comprises an armature (1) that can only move perpendicular in relation to the axial direction (34) and that includes a magnetically active part (3) that is magnetized in a particularly antiparallel manner in relation to the axial direction (34). The armature is driven by a current impulse that accelerates said armature in the direction of the center of the coil independently of the starting position of the magnetically active part (3).

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IPC 8 full level
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CPC (source: EP US)
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See references of WO 0079672A1

Cited by
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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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