

Title (en)
LINEAR DRIVE MECHANISM

Title (de)
LINEARANTRIEB

Title (fr)
ENTRAINEMENT LINEAIRE

Publication
EP 0941407 B1 20030409 (DE)

Application
EP 97910411 A 19971004

Priority
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• EP 9705456 W 19971004

Abstract (en)
[origin: DE19649718C1] The linear drive has a driven section (12) mounted in a support housing (1) between bearings (15), which are arranged in a bearing area (13) in the support housing. The driven section moves in a linear direction (56) relative to the housing. The bearings are positioned to leave a position-determining space (55), which extends next to the driven section, and into which is mounted at least one sideways projecting position follower (54,57). This carries the coupling for the drive. The driven section in the bearing area is freely mounted along a circumferential section that does not intermesh with the bearings, so that there is a free space (67) of nearly 180 deg in the bearing area next to the driven section, which extends lengthwise and circumferentially. The free space forms a component of the position-determining space that is movable from the position follower. The follower can move over at least most of the housing length, or over the whole length of the housing.

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F15B 15/24

IPC 8 full level
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CPC (source: EP US)
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