

Title (en)
LINEAR-DRIVE DEVICE

Title (de)
LINEARANTRIEB

Title (fr)
DISPOSITIF D'ENTRAINEMENT LINEAIRE

Publication
EP 0612377 B1 19961009 (DE)

Application
EP 92917889 A 19920813

Priority
• DE 4137789 A 19911116
• EP 9201848 W 19920813

Abstract (en)
[origin: WO9310360A1] Proposed is a linear-drive device with a housing (1) in which a drive element (3) is fitted in such a way that longitudinal motion is permitted. On the outside of the housing (1) is a longitudinal guide element (16) on which a guide rail (18) is mounted, also in such a way that longitudinal motion is permitted. A lug (14) projecting through a longitudinal slot (13) in the housing (1) connects the drive element (3) with the guide rail (18). In order to prevent the lug (14) being damaged if the drive element (3) strikes one of the end stops, a buffer device (30) acting in the direction of motion is located in the connection between the guide rail (18) and the drive element (3).

IPC 1-7
F15B 15/08

IPC 8 full level
F15B 15/14 (2006.01); **F15B 15/08** (2006.01); **F15B 15/22** (2006.01)

CPC (source: EP US)
F15B 15/082 (2013.01 - EP US); **F15B 15/226** (2013.01 - EP US); **F15B 15/228** (2013.01 - EP US)

Cited by
EP1182359A1; US6505542B2

Designated contracting state (EPC)
AT CH DE DK ES FR GB GR IT LI NL SE

DOCDB simple family (publication)
WO 9310360 A1 19930527; AT E144028 T1 19961015; DE 4137789 A1 19930519; DE 4137789 C2 19940120; DE 59207347 D1 19961114; EP 0612377 A1 19940831; EP 0612377 B1 19961009; ES 2092694 T3 19961201; GR 3021685 T3 19970228; JP 2607833 B2 19970507; JP H07500405 A 19950112; KR 0174572 B1 19990415; UA 27000 C2 20000228; US 5469775 A 19951128

DOCDB simple family (application)
EP 9201848 W 19920813; AT 92917889 T 19920813; DE 4137789 A 19911116; DE 59207347 T 19920813; EP 92917889 A 19920813; ES 92917889 T 19920813; GR 960403059 T 19961115; JP 50890493 A 19920813; KR 19940701609 A 19940513; UA 94005482 A 19920813; US 24064594 A 19940513