

Title (en)
Fluid operated linear motor

Title (de)
Fluidbetätigter Linearantrieb

Title (fr)
Vérin actionné par fluide

Publication
EP 1978263 B1 20120516 (DE)

Application
EP 08002986 A 20080219

Priority
DE 102007016431 A 20070405

Abstract (en)
[origin: EP1978263A2] The linear drive has a housing defining a tubular peripheral wall extending between front-sided connection walls (3). One of the connection walls is formed by a base wall (27) of an end cap (24). The cap encloses an axially immovably fixed expansion element, where the element carries an axially upstream collision surface for a piston at a front side of the connection wall. A tube section (26) axially overlaps the element without axially supporting a radially outward piece, where the element is fixed at the housing in an area lying axially behind a front side of the element.

IPC 8 full level
F15B 15/24 (2006.01); **F15B 15/14** (2006.01)

CPC (source: EP)
F15B 15/1433 (2013.01); **F15B 15/24** (2013.01)

Cited by
DE102017220202B3; WO2010108573A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1978263 A2 20081008; EP 1978263 A3 20110427; EP 1978263 B1 20120516; CN 101280794 A 20081008; CN 101280794 B 20130522; DE 102007016431 A1 20081009

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EP 08002986 A 20080219; CN 200810091319 A 20080403; DE 102007016431 A 20070405