

Title (en)  
Fluid operated linear motor

Title (de)  
Fluidbetätigter Linearantrieb

Title (fr)  
Vérin actionné par fluide

Publication  
**EP 1978263 A3 20110427 (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)

Citation (search report)  
• [XAI] US 4798128 A 19890117 - MITA TATSUMI [JP]  
• [AD] EP 0837248 B2 20050907 - MECMAN AB REXROTH [SE]

Cited by  
DE102017220202B3; WO2010108573A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

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

DOCDB simple family (application)  
**EP 08002986 A 20080219**; CN 200810091319 A 20080403; DE 102007016431 A 20070405