

Title (en)  
FLUID-ACTUATED LINEAR DRIVE

Title (de)  
FLUIDBETÄTIGTER LINEARANTRIEB

Title (fr)  
ENTRAÎNEMENT LINÉAIRE À COMMANDE FLUIDIQUE

Publication  
**EP 2047115 A1 20090415 (DE)**

Application  
**EP 07786171 A 20070719**

Priority  
EP 2007006399 W 20070719

Abstract (en)  
[origin: WO2009010083A1] The invention relates to a fluid-actuated linear drive, in which at least one housing cover (5) has an annular groove (28) at the outer periphery of a centering section (24) which protrudes into a housing pipe (3), in which annular groove (28) is held an annular seal (32). The outer groove flank (36), which is situated on the side of the housing pipe (3), of the annular groove (28) is a constituent part of a cap part (42) which is placed coaxially onto the centering section (24) and which is fixed to the housing cover (5). Said two-part design facilitates the production of a burr-free annular groove (28) without cutting post-machining.

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

CPC (source: EP US)  
**F15B 15/1433** (2013.01 - EP US)

Citation (search report)  
See references of WO 2009010083A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**WO 2009010083 A1 20090122**; AT E538316 T1 20120115; CN 101755132 A 20100623; CN 101755132 B 20130522; EP 2047115 A1 20090415; EP 2047115 B1 20111221; US 2009288553 A1 20091126; US 8240243 B2 20120814

DOCDB simple family (application)  
**EP 2007006399 W 20070719**; AT 07786171 T 20070719; CN 200780053836 A 20070719; EP 07786171 A 20070719; US 30923807 A 20070719