

Title (en)  
Hydraulic linear slider

Title (de)  
Linearwegschieber

Title (fr)  
Élément hydraulique linéaire coulissant

Publication  
**EP 1247995 B1 20040623 (DE)**

Application  
**EP 02007485 A 20020402**

Priority  
DE 20106043 U 20010406

Abstract (en)  
[origin: EP1247995A1] The slide unit (10) has a housing (12) with a slide (26) moving along a slide guide (20). The slide-integrated hydraulic drive (40) has a two-stage working piston, with each piston forming a part drive. The piston also has a longitudinally moveable guide element (48), engaging coaxially about a piston rod (42), which is stationary relative to the housing. The guide element defines two relatively sealed inner chambers (74).

IPC 1-7  
**F15B 11/036**; **F15B 15/14**

IPC 8 full level  
**F15B 11/036** (2006.01); **F15B 15/14** (2006.01)

CPC (source: EP US)  
**F15B 11/0365** (2013.01 - EP US); **F15B 15/1414** (2013.01 - EP US); **F15B 15/1466** (2013.01 - EP US); **F15B 15/1471** (2013.01 - EP US); **F15B 2211/7056** (2013.01 - EP US)

Cited by  
CN110345124A

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**US 2002185001 A1 20021212**; **US 6769350 B2 20040803**; AT E269946 T1 20040715; DE 20106043 U1 20010906; DE 50200532 D1 20040729; EP 1247995 A1 20021009; EP 1247995 B1 20040623

DOCDB simple family (application)  
**US 11669102 A 20020404**; AT 02007485 T 20020402; DE 20106043 U 20010406; DE 50200532 T 20020402; EP 02007485 A 20020402