

Title (en)
Rodless linear actuator.

Title (de)
Kolbenstangenloser Linearantrieb.

Title (fr)
Actionneur linéaire sans tige.

Publication
EP 0662567 A3 19970709 (DE)

Application
EP 94120986 A 19941231

Priority
DE 4400454 A 19940111

Abstract (en)
[origin: EP0662567A2] The linear drive has a guide tube which through its side wall has a longitudinal slot and in which a piston is displaceably located in the longitudinal direction. At least one closure device closes the end side of the guide tube. A driven component is formed by a rib which is connected to the piston and which engages through the longitudinal slot. At least one separate profile component is arranged in the longitudinal slot (12) which extends at least along the longitudinal extent of at least one flank (13) of the longitudinal slot and is connected with a sealing band (16) so that between the sealing band and the guide tube (2) a securing connection is formed.

IPC 1-7
F15B 15/08; **F16J 15/16**

IPC 8 full level
F15B 15/08 (2006.01); **F16J 15/16** (2006.01)

CPC (source: EP US)
F15B 15/082 (2013.01 - EP US)

Citation (search report)

- [DA] EP 0260344 A2 19880323 - PROMA PROD & MARKETING GMBH [DE]
- [A] US 4991494 A 19910212 - MIGLIORI LUCIANO [IT]
- [A] EP 0104364 A1 19840404 - KNORR BREMSE GMBH [DE]
- [A] GB 2163499 A 19860226 - HERION WERKE KG

Cited by
EP0690237B1

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

DOCDB simple family (publication)
EP 0662567 A2 19950712; **EP 0662567 A3 19970709**; **EP 0662567 B1 20000920**; AT E196531 T1 20001015; DE 4400454 A1 19950720; DE 4400454 C2 19961107; DE 59409532 D1 20001026; US 5467686 A 19951121

DOCDB simple family (application)
EP 94120986 A 19941231; AT 94120986 T 19941231; DE 4400454 A 19940111; DE 59409532 T 19941231; US 37155695 A 19950111