

Title (en)

Piston and fluid-driven positioning device provided with said piston

Title (de)

Kolben und damit ausgestattete fluidbetätigte Stellvorrichtung

Title (fr)

Piston et dispositif actionné par fluide équipé avec ledit piston

Publication

EP 2228544 B1 20110608 (DE)

Application

EP 10006849 A 20060223

Priority

- EP 06707196 A 20060223
- DE 202005005508 U 20050407

Abstract (en)

[origin: DE202005005508U1] Piston comprises a permanent magnet arrangement (27) segmented in its peripheral direction and having magnet segments. An annular recess is formed as an annular groove (23) with a radial opening (24) into which the magnet segments are inserted forming an annular configuration. Preferred Features: The magnet segments are polarized with the same orientation, preferably axially polarized. The permanent magnet arrangement comprises magnet segments with the same bending length.

IPC 8 full level

F15B 15/28 (2006.01)

CPC (source: EP US)

F15B 15/2861 (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 202005005508 U1 20050602; CN 101151468 A 20080326; CN 101151468 B 20120620; DE 502006008708 D1 20110224; EP 1866548 A1 20071219; EP 1866548 B1 20110112; EP 2228544 A1 20100915; EP 2228544 B1 20110608; US 2007279045 A1 20071206; US 7650828 B2 20100126; WO 2006105828 A1 20061012

DOCDB simple family (application)

DE 202005005508 U 20050407; CN 200680010611 A 20060223; DE 502006008708 T 20060223; EP 06707196 A 20060223; EP 10006849 A 20060223; EP 2006001637 W 20060223; US 79119806 A 20060223