

Title (en)

Fluid power cylinder

Title (de)

Druckmittelzylinder

Title (fr)

Vérin

Publication

EP 1217221 A3 20040317 (DE)

Application

EP 01890344 A 20011219

Priority

AT 21162000 A 20001220

Abstract (en)

[origin: EP1217221A2] The pressure fluid cylinder (1) has a piston (3) with a piston rod (4) having differently magnetized areas acting as indicators (6). Sensors (10) detect outward movement of the magnetized areas to determine the piston rod position. The indicator can be formed by a magnetized rod inserted into a bore in the piston rod.

IPC 1-7

F15B 15/28; **F15B 15/14**

IPC 8 full level

F15B 15/14 (2006.01); **F15B 15/28** (2006.01)

CPC (source: EP)

F15B 15/1457 (2013.01); **F15B 15/2861** (2013.01)

Citation (search report)

- [X] US 4717874 A 19880105 - ICHIKAWA WATARU [JP], et al
- [X] DE 3324584 A1 19840112 - LINDE AG [DE]
- [X] US 4876945 A 19891031 - STOLL KURT [DE], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 012, no. 203 (P - 715) 11 June 1988 (1988-06-11)

Cited by

US6863334B2; EP3293402A1; US8237430B2; WO2007110095A1

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DOCDB simple family (publication)

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