

Title (en)

Fluid pressure cylinder, especially for use in the food industry

Title (de)

Druckmittelzylinder, insbesondere zum Einsatz in der Lebensmittelindustrie

Title (fr)

Vérin, surtout pour l'emploi dans l'industrie alimentaire

Publication

EP 1255046 A3 20040225 (DE)

Application

EP 02009290 A 20020429

Priority

DE 10121190 A 20010430

Abstract (en)

[origin: EP1255046A2] The device has a cylinder tube (1) closed by a base (4) and top (3) with a piston subjected to pressurized medium on at least one side, a piston rod (2) and at least one sensor (8a,b) for detecting the piston rod position movable mounted on the cylinder tube. At least one axis-parallel closed channel (7) is provided for mounting the sensor in the wall region of the non-magnetic cylinder tube in a sealed manner.

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 15/1428 (2013.01); **F15B 15/2892** (2013.01)

Citation (search report)

- [XY] DE 19925600 A1 20001214 - SBS SONDERMASCHINEN GMBH [DE]
- [X] US 5957029 A 19990928 - BOYER PETER W [US], et al
- [Y] EP 0985831 A2 20000315 - FESTO AG & CO [DE]
- [DA] DE 19716736 A1 19981015 - MANNESMANN AG [DE]
- [A] DE 29818823 U1 19990107 - KUHNKE GMBH KG H [DE]

Cited by

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