

Title (en)

DOUBLE ACTING HYDRAULIC CYLINDER WITH AXIAL LOCKING DEVICE

Title (de)

HYDRAULISCHE, DOPPELTWIRKENDE ARBEITSZYLINDER MIT EINER VORRICHTUNG ZUR AXIALEN VERRIEGELUNG

Title (fr)

VERIN HYDRAULIQUE A DOUBLE EFFET AVEC DISPOSITIF DE BLOCAGE AXIAL

Publication

EP 1295044 A1 20030326 (FR)

Application

EP 01949537 A 20010627

Priority

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- FR 0008226 A 20000627

Abstract (en)

[origin: FR2810701A1] The cylinder consists of a housing (2) with two coaxial cylindrical walls (26, 27) containing a sliding guide piston (7), a rod (9) and annular piston (40) and a locking elements (41a). The annular piston has a recessed end (44) with cylindrical and conical (48) surfaces, of which the latter interacts with conical surfaces on the lock elements so that they move radially outwards when the piston applies a pressure to them.

IPC 1-7

F15B 15/26; **F15B 15/24**

IPC 8 full level

F15B 15/24 (2006.01); **F15B 15/26** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

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