

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.

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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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FR 2810701 A1 20011228; **FR 2810701 B1 20021213**; AU 7067101 A 20020108; BR 0112192 A 20030513; CA 2413734 A1 20020103; CN 1439080 A 20030827; CZ 20024001 A3 20030514; EP 1295044 A1 20030326; JP 2004502099 A 20040122; KR 20030020313 A 20030308; PL 359936 A1 20040906; RU 2002134465 A 20040620; US 2003140778 A1 20030731; US 6782799 B2 20040831; WO 0201079 A1 20020103

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