

Title (en)
Fluid-powered cylinder

Title (de)
Druckmittelbetätigbarer Arbeitszylinder

Title (fr)
Vérin à fluide sous pression

Publication
EP 0892175 B1 20020925 (DE)

Application
EP 98890180 A 19980624

Priority
AT 121197 A 19970716

Abstract (en)
[origin: EP0892175A1] The working cylinder (1) has a cylinder tube (3) with piston (4) and pressure medium connection (2). The piston contains a servo valve (9), which opens into the opposite cylinder space (8) when the supplied pressure medium exceeds a certain pressure level. A locking part (18) blocks the valve over part of the piston stroke. The part has a finger-shaped closure element (19) to block the valve intake opening (12). The finger element is spring-loaded, and has a sealing element (22) acting with the valve intake like a valve seat.

IPC 1-7
F15B 15/20

IPC 8 full level
F15B 15/14 (2006.01)

CPC (source: EP)
F15B 15/1433 (2013.01); **F15B 15/1447** (2013.01); **F15B 15/149** (2013.01)

Cited by
CN114396414A; CN101813106A; DE102015118839A1; DE102015118839B4; WO2013023316A2; WO2013044403A1

Designated contracting state (EPC)
DE ES FR IT SE

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