

Title (en)
PRESSURIZED FLUID DISTRIBUTOR

Title (de)
DRUCKMITTELVERTEILER

Title (fr)
DISTRIBUTEUR DE FLUIDE SOUS PRESSION

Publication
EP 1556618 A1 20050727 (FR)

Application
EP 03780237 A 20031028

Priority
• FR 0303209 W 20031028
• FR 0213689 A 20021031

Abstract (en)
[origin: US2005247355A1] The invention concerns a fluid distributor, in particular a hydraulic manipulator comprising a body (5), a pressure reducing valve (2) mounted in the body comprising a plunger (3) mobile in translation and whereof the displacement is controlled by a push-rod (11), a control member (6) including at least one finger (10) for modifying the position of the push-rod, means forming a solenoid (15) mounted in the body, a frame (16) adapted to be driven in translation simultaneously with the push-rod. The dispenser further comprises means for catching (20) the frame on the finger delimiting a window wherein the finger projects substantially transversely, the push-rod being mounted so as to pass right through the frame and project into the window, and the finger being interposed between the catching means and the push-rod.

IPC 1-7
F15B 13/042

IPC 8 full level
F15B 13/042 (2006.01)

CPC (source: EP US)
F15B 13/0422 (2013.01 - EP US); **Y10T 137/87064** (2015.04 - EP US); **Y10T 137/87072** (2015.04 - EP US)

Citation (search report)
See references of WO 2004042236A1

Cited by
DE102016218803A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2005247355 A1 20051110; **US 7104284 B2 20060912**; AT E346243 T1 20061215; AU 2003288333 A1 20040607;
DE 60309916 D1 20070104; DE 60309916 T2 20070315; EP 1556618 A1 20050727; EP 1556618 B1 20061122; FR 2846719 A1 20040507;
FR 2846719 B1 20060203; JP 2006504916 A 20060209; JP 4686190 B2 20110518; WO 2004042236 A1 20040521

DOCDB simple family (application)
US 52702105 A 20050415; AT 03780237 T 20031028; AU 2003288333 A 20031028; DE 60309916 T 20031028; EP 03780237 A 20031028;
FR 0213689 A 20021031; FR 0303209 W 20031028; JP 2004549263 A 20031028