

Title (en)
Blind rivet nuts setting device

Title (de)
Blindnietmuttern-Setzgerät

Title (fr)
Appareil de fixation d'écrous à sertir

Publication
EP 2390059 B1 20180606 (DE)

Application
EP 11003481 A 20110428

Priority
DE 102010022022 A 20100529

Abstract (en)
[origin: EP2390059A2] The device (1) has a control valve (37) connected with a pressure supply (16) by a throttle (40). Pressure acts on a control surface (38) of the valve in a direction of a switching position. Pressure in a control line (19) acts on another control surface (36) of the valve in direction of another switching position. A control area (39) is pressure-compensated during actuation of an actuating element (26). A motor line (41) and a switching channel (24) of a switching valve (17) are connected with the supply in the latter position, so that the switching valve is switched into the former position.

IPC 8 full level
B25B 27/00 (2006.01)

CPC (source: EP US)
B25B 27/0014 (2013.01 - EP US); **Y10T 29/49943** (2015.01 - US); **Y10T 29/49956** (2015.01 - US); **Y10T 29/53709** (2015.01 - US); **Y10T 29/53748** (2015.01 - US)

Cited by
US11673243B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2390059 A2 201111130; EP 2390059 A3 20160330; EP 2390059 B1 20180606; DE 102010022022 A1 20111201;
DE 102010022022 B4 20120119; US 2011289762 A1 20111201; US 8631554 B2 20140121

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EP 11003481 A 20110428; DE 102010022022 A 20100529; US 201113116666 A 20110526