

Title (en)
PNEUMATIC JOINT

Title (de)
PNEUMATISCHEVERBINDUNG

Title (fr)
JONCTION PNEUMATIQUE

Publication
EP 1579143 A1 20050928 (FR)

Application
EP 03799638 A 20031219

Priority
• FR 0303806 W 20031219
• FR 0216839 A 20021230

Abstract (en)
[origin: WO2004063616A1] The invention concerns the assembly of a first pneumatic element (1), comprising a hollow screw (3) with a longitudinal axis (3a), and a second pneumatic element (2) provided with a tapped orifice (2a) for receiving the hollow screw (2) such that a first shoulder (5) of the hollow screw is designed to press on the edge (6) of the tapped orifice (2a) an O-ring (7), while the first element (1) comprises, opposite the thread, a bearing surface (8), axially limited by a second shoulder (11), for guiding and retaining a tubular spacer (9) slidably mounted on said bearing surface between a first position wherein it extends beyond the first shoulder (5) on the thread side and a second position wherein it is in contact with the second shoulder (11), the spacer comprising means (9a, 12) indicating the clamping tension provided or to be provided in the hollow screw (3).

IPC 1-7
F16L 41/10; **F16L 15/00**

IPC 8 full level
F16L 15/00 (2006.01); **F16L 41/10** (2006.01)

CPC (source: EP US)
F16L 15/008 (2013.01 - EP US); **F16L 41/007** (2013.01 - EP US); **F16L 41/10** (2013.01 - EP US); **F16L 2201/10** (2013.01 - EP US)

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)
FR 2849493 A1 20040702; **FR 2849493 B1 20050204**; AU 2003299357 A1 20040810; EP 1579143 A1 20050928; US 2006163870 A1 20060727; WO 2004063616 A1 20040729

DOCDB simple family (application)
FR 0216839 A 20021230; AU 2003299357 A 20031219; EP 03799638 A 20031219; FR 0303806 W 20031219; US 54099605 A 20050628