

Title (en)

DEVICE HAVING A PISTON, A CYLINDER AND AT LEAST ONE INNER TUBE AND AT LEAST ONE OUTER TUBE

Title (de)

VORRICHTUNG MIT EINEM KOLBEN, EINEM ZYLINDER UND WENIGSTENS EINEM INNENROHR UND WENIGSTENS EINEM AUSSENROHR

Title (fr)

DISPOSITIF COMPORTANT UN PISTON, UN CYLINDRE ET AU MOINS UN TUBE INTÉRIEUR ET AU MOINS UN TUBE EXTÉRIEUR

Publication

EP 3580463 B1 20220824 (DE)

Application

EP 18704936 A 20180205

Priority

- DE 102017001133 A 20170207
- EP 2018052830 W 20180205

Abstract (en)

[origin: WO2018146053A1] The invention relates to a cylinder-piston device, having at least one inner tube (6) and at least one outer tube (7), the inner tube being mounted within the outer tube, at least one cylinder head (4), at least one piston rod bearing (3), and at least one sleeve (5).

IPC 8 full level

F15B 15/14 (2006.01)

CPC (source: EP)

F15B 15/1428 (2013.01); **F15B 15/1438** (2013.01); **F15B 2201/31** (2013.01); **F15B 2201/4056** (2013.01); **F15B 2215/305** (2013.01)

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)

DE 102017001133 A1 20180809; EP 3580463 A1 20191218; EP 3580463 B1 20220824; WO 2018146053 A1 20180816

DOCDB simple family (application)

DE 102017001133 A 20170207; EP 18704936 A 20180205; EP 2018052830 W 20180205