

Title (en)
Multiplicateur de pression

Title (de)
Druckübersetzer

Title (fr)
Pressure transducer

Publication
EP 2551529 A3 20140402 (DE)

Application
EP 12177508 A 20120723

Priority
DE 102011052115 A 20110725

Abstract (en)
[origin: EP2551529A2] The pressure intensifier (1) has a gas or air pressure driven pneumatic unit (5) connected with a hydraulic unit (4). A coupling unit (3) immovably and releasably connects the hydraulic tool (7) with the hydraulic unit. The pneumatic unit, hydraulic unit and coupling unit are integrated into one-piece mobile handling unit (2). The coupling unit is adjusted between locked position and unlocked position, where the coupling unit is separated from the hydraulic tool in unlocked position and is fixed with the hydraulic tool in locked position.

IPC 8 full level
F15B 11/072 (2006.01); **B25F 5/00** (2006.01)

CPC (source: EP)
B21J 15/22 (2013.01); **B25F 5/005** (2013.01); **F15B 11/0725** (2013.01)

Citation (search report)

- [XYI] EP 0143730 A1 19850605 - PELLENC & MOTTE [FR]
- [Y] US 3413018 A 19681126 - FRANCIS JOSEPH S
- [A] JP H11114855 A 19990427 - MAX CO LTD
- [A] JP H11245177 A 19990914 - MAX CO LTD

Cited by
DE102017111657B3; EP4091771A1; CN110181599A; JPWO2019138577A1; WO2019138577A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 202012100010 U1 20120227; DE 102011052115 A1 20130131; DE 102011052115 B4 20150219; EP 2551529 A2 20130130; EP 2551529 A3 20140402; EP 2551529 B1 20170405

DOCDB simple family (application)
DE 202012100010 U 20120103; DE 102011052115 A 20110725; EP 12177508 A 20120723