

Title (en)

Device for lifting and rotating the working part of a device

Title (de)

Vorrichtung zum Anheben und Drehen eines Arbeitsorgans einer Vorrichtung

Title (fr)

Dispositif destiné à soulever et pivoter un organe de travail d'un dispositif

Publication

EP 1887228 A3 20100915 (DE)

Application

EP 07012578 A 20070627

Priority

DE 102006037846 A 20060812

Abstract (en)

[origin: EP1887228A2] Device for raising and rotating a working unit of a vessel filling unit with the aid of a fluid cylinder (10) with a piston (12) and piston rod (14). The piston has a surface slot and peripheral components. The cylinder has radially displaceable guide bolts (48) which interlock with the guide slot in the advanced position (sic).

IPC 8 full level

F15B 15/06 (2006.01)

CPC (source: EP)

F15B 15/063 (2013.01)

Citation (search report)

- [X] US 5549013 A 19960827 - KIMBARA MASAHIKO [JP]
- [X] JP 2000087909 A 20000328 - TAIYO TEKKO KK
- [X] US 5592866 A 19970114 - SHER ARIEH [IL]
- [A] EP 0085169 B1 19850327

Cited by

CN112483526A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1887228 A2 20080213; EP 1887228 A3 20100915; EP 1887228 B1 20120314; AT E549519 T1 20120315; DE 102006037846 A1 20080214; DE 102006037846 B4 20090924

DOCDB simple family (application)

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