

Title (en)
MILLING UNIT FOR EXPULSION DEVICE

Title (de)
FRÄSEINHEIT FÜR AUSTREIBEVORRICHTUNG

Title (fr)
UNITÉ DE FRAISAGE POUR DISPOSITIF D'EXTRACTION

Publication
EP 2893140 A1 20150715 (DE)

Application
EP 13789219 A 20131025

Priority
• EP 12192936 A 20121116
• EP 2013072370 W 20131025
• EP 13789219 A 20131025

Abstract (en)
[origin: EP2733307A1] The device (1) has a base-frame structure (2), and frame parts (8, 9, 10) mounted on the base-frame structure. A turntable (11) i.e. lift turntable, is mounted on the base-frame structure, and a striking unit (12) is fastened to the frame. The striking unit has a drive-out punch (25) and an impact mechanism (23) acting on the drive-out punch. A clamping unit (13) is arranged at the frame parts in a pivotable manner and provided for supporting a wheel disk during driving out of a blade i.e. compressor blade. A milling unit (14) is arranged at a distance from the frame parts. An independent claim is also included for a method for driving out blades.

IPC 8 full level
B23P 6/00 (2006.01); **B23P 19/02** (2006.01); **F01D 5/00** (2006.01); **F01D 25/28** (2006.01)

CPC (source: EP)
B23P 19/025 (2013.01); **F01D 5/005** (2013.01); **F01D 25/285** (2013.01); **B23P 6/002** (2013.01); **F05D 2230/70** (2013.01)

Citation (search report)
See references of WO 2014075894A1

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)
EP 2733307 A1 20140521; CN 104822900 A 20150805; CN 104822900 B 20170308; EP 2893140 A1 20150715; KR 20150082309 A 20150715; RU 2015122878 A 20170110; WO 2014075894 A1 20140522

DOCDB simple family (application)
EP 12192936 A 20121116; CN 201380060158 A 20131025; EP 13789219 A 20131025; EP 2013072370 W 20131025; KR 20157012492 A 20131025; RU 2015122878 A 20131025