

Title (en)
CORE-REMOVING DEVICE AND CORE REMOVING METHOD

Title (de)
ENTKERNUNGSVORRICHTUNG UND ENTKERNUNGSVERFAHREN

Title (fr)
DISPOSITIF ET PROCEDE DE DEBOURRAGE

Publication
EP 1827738 A1 20070905 (DE)

Application
EP 04804285 A 20041223

Priority
EP 2004014694 W 20041223

Abstract (en)
[origin: WO2006074676A1] A device (1) for removing the core of castings, comprising a rectangular inner frame structure (3), which is suspendedly and bufferingly mounted on an outer frame structure (2), and a jolting table (4) which is arranged inside the inner frame structure, used to receive the castings and consists of a horizontal table plate in the lower region and two side walls (41) extending vertically in an upward manner, wherein said jolting table is arranged on a vibrating device in a horizontally and vertically non-displaceable manner, wherein in the upper region thereof, said jolting table is connected to the inner frame structure (3) with the aid of means which essentially permit only vertical movements of the jolting table (4) in the upper area thereof in relation to the inner frame structure. The vibrating device (5) is arranged below the jolting table and is mounted on the inner frame structure (3) in a horizontally and vertically non-displaceable manner.

IPC 8 full level
B22D 29/00 (2006.01)

CPC (source: EP)
B22D 29/005 (2013.01)

Citation (search report)
See references of WO 2006074676A1

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 MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
WO 2006074676 A1 20060720; EP 1827738 A1 20070905

DOCDB simple family (application)
EP 2004014694 W 20041223; EP 04804285 A 20041223