

Title (en)

Shaking device and method for removing core sand from hollow moulds

Title (de)

Rüttelvorrichtung und Verfahren zum Entfernen des Kernsand aus hohlen Gußstücken

Title (fr)

Vibreux et procédé de retrait du sable à noyaux de pièces moulées creuses

Publication

**EP 1995002 B1 20120404 (DE)**

Application

**EP 08008148 A 20080429**

Priority

DE 102007022043 A 20070508

Abstract (en)

[origin: EP1995002A2] Vibrating machine (10) for removing core sand from hollow castings (17) comprises a rotating drum (14) which holds the casting and is mounted in a frame (11). The casting is hammered to loosen the sand and it is then turned to a position where it can fall out. An independent claim is included for a method for removing core sand from hollow castings comprising: (A) fixing the casting in a holder; (B) using a hammer to loosen the sand; and turning the casting to a position where the sand can fall out, while still vibrating it.

IPC 8 full level

**B22D 29/00** (2006.01)

CPC (source: EP)

**B22D 29/005** (2013.01)

Cited by

CN109365790A; CN107671268A; CN113426989A; CN113145794A; AT522125A1; CN113316493A; WO2015189754A1; WO2015189755A1; WO2020163886A1; WO2020234818A1; WO2020234820A1; WO2015189757A1; DE102018221826A1; DE102018221826B4

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DOCDB simple family (publication)

**EP 1995002 A2 20081126; EP 1995002 A3 20100127; EP 1995002 B1 20120404**; AT E552058 T1 20120415; DE 102007022043 A1 20081113; DE 202007018558 U1 20081113; ES 2386012 T3 20120807; PL 1995002 T3 20120928

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