

Title (en)

DEVICE FOR THE PRODUCTION OF CORE ASSEMBLIES

Title (de)

VORRICHTUNG ZUR FERTIGUNG VON KERNPAKETEN

Title (fr)

DISPOSITIF POUR LA FABRICATION D'ASSEMBLAGES DE NOYAUX

Publication

EP 1651371 A2 20060503 (DE)

Application

EP 04762552 A 20040730

Priority

- DE 2004001707 W 20040730
- DE 10336917 A 20030807

Abstract (en)

[origin: WO2005014203A2] The invention relates to a device for the production of core assemblies, particularly of use for the casting of engine blocks and cylinder heads, comprising a shooting station, in which individual cores are shot and a withdrawal station (1), in which the shot cores are withdrawn and transferred to an assembly line (2), for assembling, whereby differing cores may be produced with differing tools (3). The invention is characterised in that the assembly line (2) comprises manipulators (4, 5, 6), for withdrawing the cores from the opened tool (3), for manipulating and/or treating the cores and finally for assembly and transport away of the core assemblies.

IPC 1-7

B22C 9/10

IPC 8 full level

B22C 9/10 (2006.01)

CPC (source: EP US)

B22C 9/103 (2013.01 - EP US)

Citation (search report)

See references of WO 2005014203A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2005014203 A2 20050217; WO 2005014203 A3 20050421; CA 2529360 A1 20050217; DE 10336917 A1 20050310; EP 1651371 A2 20060503; JP 2007501711 A 20070201; MX PA06001439 A 20060515; US 2006117707 A1 20060608

DOCDB simple family (application)

DE 2004001707 W 20040730; CA 2529360 A 20040730; DE 10336917 A 20030807; EP 04762552 A 20040730; JP 2006522222 A 20040730; MX PA06001439 A 20040730; US 33902106 A 20060125