

Title (en)

Core box for producing sand cores for the fabrication of hollow bodies

Title (de)

Kernkasten zur Erzeugung von Kernen für die Herstellung von Hohlkörpern

Title (fr)

Boîte noyau pour la fabrication des noyaux pour la production des corps creux

Publication

EP 0652062 B1 19990428 (DE)

Application

EP 94115356 A 19940929

Priority

DE 9315456 U 19931013

Abstract (en)

[origin: EP0652062A1] A core box for producing core bodies for the fabrication of hollow bodies has two shell moulds (1,2), each of which has an outer base body (5,13) on the inner face of which an abrasion-resistant synthetic-resin layer (6,14) is deposited, and which can be placed one against the other at a joint face (parting plane) (3) of the core box to form a hollow space corresponding to the core body. In order to improve the core box in such a way that no expensive finishing and after-treatment operations on the cores or core bodies fabricated in the core box are required any more, the abrasion-resistant synthetic-resin layer (6) of one shell mould (1) has, in the region of its joint edge (7), a recess (8) in which is arranged a resilient lip (10) which projects beyond the abrasion-resistant synthetic-resin layer (6) in the circumferential direction of the core box. <IMAGE>

IPC 1-7

B22C 7/06; **B22C 9/10**; **B22C 21/02**

IPC 8 full level

B22C 7/06 (2006.01); **B22C 9/10** (2006.01); **B22C 21/02** (2006.01)

CPC (source: EP)

B22C 7/062 (2013.01)

Cited by

USRE37076E; CN106825403A; CN110039010A

Designated contracting state (EPC)

DE DK FR

DOCDB simple family (publication)

DE 9315456 U1 19950209; DE 59408166 D1 19990602; EP 0652062 A1 19950510; EP 0652062 B1 19990428

DOCDB simple family (application)

DE 9315456 U 19931013; DE 59408166 T 19940929; EP 94115356 A 19940929