

Title (en)

DEVICE FOR CHANGING THE BLOWING HEAD AND/OR THE BLOWING PLATE OF A CORE AND SHELL MOULD SHOOTING MACHINE

Publication

EP 0284967 B1 19920226 (DE)

Application

EP 88104595 A 19880323

Priority

DE 3711336 A 19870403

Abstract (en)

[origin: EP0284967A2] The invention relates to a device for changing the blowing head and/or the blowing plate and for removing the residual sand from the blowing head of a core and shell mould shooting machine and consists of a cantilever pivotable about a vertical axis and having a built-on lifting unit with two bearings and a mechanical turnover drive with a turnover coupling for receiving and rotating the blowing head connected to the blowing plate about a theoretical horizontal axis. The blowing head is equipped with two bearing journals for engagement in the bearings and with a coupling piece. The device according to the invention considerably improves the workflow of a core and shell mould shooting machine as regards the changing of the blowing head and/or of the blowing plate, with simultaneous emptying of the residual sand.

IPC 1-7

B22C 15/24

IPC 8 full level

B22C 15/24 (2006.01)

CPC (source: EP)

B22C 15/24 (2013.01)

Cited by

WO2018015589A1; CN102728792A; EP0756909A1; ES2126449A1; EP3272441A1; KR20190046786A; US10471501B2

Designated contracting state (EPC)

ES FR IT

DOCDB simple family (publication)

EP 0284967 A2 19881005; EP 0284967 A3 19900228; EP 0284967 B1 19920226; DE 3711336 C1 19881124; ES 2030100 T3 19921016

DOCDB simple family (application)

EP 88104595 A 19880323; DE 3711336 A 19870403; ES 88104595 T 19880323