

Title (en)

An apparatus for cooling and stripping objects cast in sand moulds.

Title (de)

Vorrichtung zum Kühlen und Ausleeren von Gussstücken aus Sandformen.

Title (fr)

Dispositif pour refroidir et décocher des pièces coulées dans des moules en sable.

Publication

EP 0326876 A2 19890809 (EN)

Application

EP 89100981 A 19890120

Priority

DK 58388 A 19880205

Abstract (en)

In an apparatus for cooling and stripping of objects cast in and contained in sand moulds, said apparatus being of the kind comprising a drum (1) supported for rotation about a substantially horizontal axis (0) with at least two rolling surfaces or rolling surface members (2) shaped on or secured to the drum (1) bearing on at least four support wheels (3), of which at least one is adapted to be driven and thus make the drum (1) rotate, said support wheels (3) at least partially consisting of an elastomeric material, the new feature consists in that each support wheel (3) consists of a single substantially circularly-cylindrical rim (56) of rigid material, such as steel, about which there are placed at least three rolling tyres (55) of elastomeric material, the axial width of which diminishes with increasing radius. This arrangement makes it possible to reduce maintenance costs and to achieve a highly desired sound and shock absorption using relatively low-costs means.

IPC 1-7

B22C 5/08; **B22D 31/00**

IPC 8 full level

B22C 5/08 (2006.01); **B22D 31/00** (2006.01)

CPC (source: EP)

B22C 5/085 (2013.01); **B22D 31/007** (2013.01)

Cited by

CN103878352A; CN103978154A; ES2212708A1; FR2735051A1; EP0607650A3; CN1068260C

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0326876 A2 19890809; **EP 0326876 A3 19900516**; **EP 0326876 B1 19920819**; AT E79577 T1 19920915; BR 8900462 A 19891003; CN 1009712 B 19900926; CN 1035969 A 19891004; DE 68902484 D1 19920924; DE 68902484 T2 19930114; DK 164776 B 19920817; DK 164776 C 19921228; DK 58388 A 19890806; DK 58388 D0 19880205; ES 2034409 T3 19930401

DOCDB simple family (application)

EP 89100981 A 19890120; AT 89100981 T 19890120; BR 8900462 A 19890202; CN 89100617 A 19890202; DE 68902484 T 19890120; DK 58388 A 19880205; ES 89100981 T 19890120