

Title (en)

A device for removing cores from foundry castings

Title (de)

Vorrichtung zum Entkernen von Gussstücken

Title (fr)

Dispositif pour enlever les noyaux de pièces coulées en fonderie

Publication

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Application

**EP 02028039 A 20021216**

Priority

IT TO20011180 A 20011218

Abstract (en)

The device (1) according to the invention allows to remove the cores from the foundry castings (11) by means of a hammering process and successive vibration. The particular arrangement of the vibrators (41), characterised by the fact that the plane (V) specified by the symmetry axes of said vibrators (41) forms with the median planes (L, T) of the chassis (5), to which the foundry casting (11) is fixed, angles ( alpha , beta ) not null and different from 90 DEG , guarantees that the vibratory movement is effectively transmitted to the foundry castings (11). The device (1) is further characterised by the presence of an additional blocking system (50) allowing to block the vibratory movement of the foundry casting (11) when this movement protracts after that the vibrators (41) have stopped. <IMAGE>

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