

Title (en)

METHOD AND APPARATUS FOR ASSISTING REMOVAL OF SAND MOLDINGS FROM CASTINGS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ENTFERNUNG DER SANDFORMEN VON GUSSSTÜCKEN

Title (fr)

PROCEDE ET APPAREIL PERMETTANT D'AIDER A RETIRER DES MOULAGES AU SABLE DE COULEES

Publication

**EP 1521654 A1 20050413 (EN)**

Application

**EP 02752249 A 20020711**

Priority

US 0221795 W 20020711

Abstract (en)

[origin: WO2004007120A1] Disclosed is a method for dislodging a mold (10) from a casting (11) formed within the mold. The mold may be removed from the casting by scoring the mold and applying a force sufficient to cause the mold to fracture and break into pieces. Additionally, the mold may be fractured by either explosive charges (22) placed in the mold pack or by high energy pulsations directed at the mold. Once the mold is fractured and broken into various pieces it may then be dislodged from the casting.

IPC 1-7

**B22D 29/00**

IPC 8 full level

**B22D 29/04** (2006.01); **B22D 29/00** (2006.01)

CPC (source: EP KR)

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