

Title (en)

PNEUMATIC ASSEMBLY FOR AN INSTALLATION THAT IS USED FOR THE BLAST CLEANING OF FOUNDRY CORES

Title (de)

DRUCKLUFTANORDNUNG FÜR EINE INSTALLATION, DIE ZUR STRAHLREINIGUNG VON GIESSKERNEN VERWENDET WIRD

Title (fr)

ENSEMBLE PNEUMATIQUE POUR INSTALLATION DE DESSABLAGE DES NOYAUX DE FONDERIE

Publication

EP 1901882 A1 20080326 (FR)

Application

EP 06778803 A 20060706

Priority

- FR 2006001627 W 20060706
- FR 0507331 A 20050708

Abstract (en)

[origin: WO2007006933A1] The invention relates to a device for the blast cleaning of foundry cores. The inventive device consists of: a shaft (1) comprising first compressed air inlet means (20) and pulsed air outlet means (25); an approach cylinder (3) which slides inside the shaft, under the action of the compressed air, between a retracted position and a working position in which a punch (5) is in contact with a workpiece; and striking means (50) which subject the punch to repeated impacts. The device also comprises: means (219) for sealing the air outlet means, which can inhibit the striking means as the approach cylinder moves from the retracted position to the working position thereof; and timing means (225) for opening the sealing means at the end of a pre-determined period of time following a determined event.

IPC 8 full level

B25D 9/20 (2006.01); **B23Q 17/00** (2006.01); **B25D 17/06** (2006.01); **B25D 17/22** (2006.01)

CPC (source: EP)

B22D 29/005 (2013.01); **B25D 9/20** (2013.01); **B25D 17/06** (2013.01); **B25D 17/22** (2013.01); **B25D 2209/005** (2013.01); **B25D 2216/0015** (2013.01); **B25D 2250/101** (2013.01); **B25D 2250/221** (2013.01)

Citation (search report)

See references of WO 2007006933A1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

FR 2888138 A1 20070112; **FR 2888138 B1 20070914**; EP 1901882 A1 20080326; EP 1901882 B1 20120411; WO 2007006933 A1 20070118

DOCDB simple family (application)

FR 0507331 A 20050708; EP 06778803 A 20060706; FR 2006001627 W 20060706