

Title (en)

Pneumatic assembly for a sand removal installation for foundry cores

Title (de)

Druckluftanordnung für eine Sandentfernungsinstallation für Giesskernen

Title (fr)

Ensemble pneumatique pour installation de dessablage des noyaux de fonderie

Publication

EP 1910037 A1 20080416 (FR)

Application

EP 06778805 A 20060706

Priority

- FR 2006001629 W 20060706
- FR 0507330 A 20050708

Abstract (en)

[origin: WO2007006935A1] 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 blowing means (29) for creating an air curtain around the approach cylinder at the point at which it penetrates the body.

IPC 8 full level

B25D 9/20 (2006.01); **B22D 29/00** (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 2007006935A1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

FR 2888137 A1 20070112; **FR 2888137 B1 20090123**; EP 1910037 A1 20080416; EP 1910037 B1 20121114; WO 2007006935 A1 20070118

DOCDB simple family (application)

FR 0507330 A 20050708; EP 06778805 A 20060706; FR 2006001629 W 20060706