

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 1901883 A1 20080326 (FR)

Application

EP 06778806 A 20060706

Priority

- FR 2006001630 W 20060706
- FR 0507329 A 20050708

Abstract (en)

[origin: WO2007006936A1] 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: detection means (36, 38) for detecting the presence of a compressed air supply pressure which is greater than a pre-determined threshold when the approach cylinder is in the retracted position thereof and a punch is mounted to the approach cylinder, and inhibition means (225) for inhibiting the air inlet means when the supply pressure is not detected.

IPC 8 full level

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