

Title (en)  
Abrasive blasting device

Title (de)  
Strahleinrichtung

Title (fr)  
Appareil à jet abrasif

Publication  
**EP 1380387 B1 20050518 (DE)**

Application  
**EP 03014979 A 20030702**

Priority  
DE 10231482 A 20020712

Abstract (en)  
[origin: EP1380387A1] The sand blaster (1) has a sand feed without the use of compressed air. A guide sleeve (3) in the sand feed (4), keyed against rotation, is between the distributor sleeve (25) and the paddles (24) of the centrifugal wheel (2), with at least one passage opening (32) in its circumference to give a sand flow between the paddles. The guide sleeve has at least one air inlet opening (33) in its periphery, axially outside the housing (20) for the centrifugal wheel, for air to be drawn in by the rotating wheel and be mixed with the sand.

IPC 1-7  
**B24C 5/06**

IPC 8 full level  
**B24C 5/06** (2006.01)

CPC (source: EP)  
**B24C 5/068** (2013.01)

Cited by  
CN103567886A; CN115338782A

Designated contracting state (EPC)  
BE DE FR GB IT NL

DOCDB simple family (publication)  
**EP 1380387 A1 20040114; EP 1380387 B1 20050518; EP 1380387 B9 20050928**; DE 10231482 A1 20040129; DE 50300550 D1 20050623

DOCDB simple family (application)  
**EP 03014979 A 20030702**; DE 10231482 A 20020712; DE 50300550 T 20030702