

Title (en)
ABRASIVE BLASTING METHOD USING AIR UNDER PRESSURE, AND DEVICE THEREFOR

Publication
EP 0069875 A3 19830406 (DE)

Application
EP 82105336 A 19820618

Priority
DE 3127013 A 19810709

Abstract (en)
[origin: EP0069875A2] 1. A method of sand-blasting wherein particulate ejecting medium is delivered to a carrier gas stream, propelled and accelerated by said carrier gas stream, and ejected to the surface to be treated, wherein an additive gas stream carrying an additive substance, preferably water, is fed to said carrier gas stream, and wherein a feed conduit for the particulate ejecting medium is followed by a frustoconically tapered region, characterized in that said additive gas stream carrying said additive substance is fed to said carrier gas stream at a location in the frustoconically tapered region where speed and acceleration of the particulate ejecting medium are still low.

IPC 1-7
B24C 1/00; B24C 5/02

IPC 8 full level
B05B 7/04 (2006.01); **B05B 7/14** (2006.01); **B24C 1/00** (2006.01); **B24C 5/02** (2006.01); **B24C 5/04** (2006.01)

CPC (source: EP KR)
B05D 1/00 (2013.01 - KR); **B24C 1/00** (2013.01 - EP); **B24C 5/02** (2013.01 - EP); **B24C 7/0046** (2013.01 - EP); **B24C 7/0084** (2013.01 - EP)

Citation (search report)
• [A] US RE23064 E 19481214
• [A] CH 302642 A 19541031 - ROSSET PAUL [CH]
• [A] US 2376616 A 19450522 - OECHSLE SIXTUS J, et al
• [A] GB 774624 A 19570515 - JOHN ALEXANDER JOHNSON, et al
• [A] US 3344558 A 19671003 - KIRKLAND WYATT S
• [A] GB 1571508 A 19800716 - KELSALL T, et al

Cited by
EP0110529A3; US4648215A; EP0171448A1; US4716690A

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0069875 A2 19830119; EP 0069875 A3 19830406; EP 0069875 B1 19841205; AT E10595 T1 19841215; DE 3127013 A1 19830127; DE 3261457 D1 19850117; GR 76182 B 19840803; JP S5861855 A 19830413; JP S6029540 B2 19850711; KR 840000282 A 19840218; PT 75184 A 19820801; PT 75184 B 19840528

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