

Title (en)
BLAST GUN FOR FLAT JETS CONTAINING SOLID ABRASIVE PARTICLES

Publication
EP 0090691 B1 19871104 (FR)

Application
EP 83400484 A 19830309

Priority
FR 8204336 A 19820315

Abstract (en)
[origin: US4633623A] Sand blasting nozzle, particularly for the decontamination of radioactive members by means of a jet formed from a mixture of water and abrasive particles. It comprises an intake device able to produce a flat water jet, having an aperture angle α in the plane of the jet, within a vacuum chamber, a discharge member having in planes perpendicular to the flat jet, two divergent side walls substantially of aperture α and, on either side of the flat jet, two convergent walls forming an angle β , said discharge member forming an integral part of the vacuum chamber, and the angle β being defined in such a way that within the chamber is produced an adequate vacuum to ensure that the flat jet entrains the abrasive particles introduced by a pipe carrying a mixture of gas and abrasive particles.

IPC 1-7
B24C 5/04

IPC 8 full level
B24C 5/04 (2006.01)

CPC (source: EP US)
B24C 5/04 (2013.01 - EP US); **B24C 7/0046** (2013.01 - EP US); **B24C 7/0084** (2013.01 - EP US)

Cited by
EP3104097A1; GB2191127A; EP0110529A3; DE4428752A1; US4648215A; EP0582191A1; US5462605A; GB2348722A; GB2348722B; US5283990A; TR28484A; KR101123429B1

Designated contracting state (EPC)
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