

Title (en)
SUCTION DEVICE FOR SAND BLASTING AND PRESSURE NOZZLES

Title (de)
ABSAUGVORRICHTUNG FÜR SANDSTRAHL- UND FLÜSSIGKEITSDRUCKDÜSEN

Title (fr)
DISPOSITIF D'ASPIRATION POUR BUSES DE SABLAGE ET D'INJECTION DE LIQUIDE SOUS PRESSION

Publication
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Application
EP 99904721 A 19990121

Priority
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• DE 19802308 A 19980122

Abstract (en)
[origin: DE19802308A1] During blasting work, large quantities of blasting material (granules, glass beads, slag and sand) together with residues of blasted colour coating are projected over a large area after impact with the surface being blasted. This results in the pollution of large areas of the surrounding environment. The large quantities of dust produced cause problems for the population over a much wider area. The inventive suction device prevents blasting material, dust and liquids from escaping from the blasting site and the area immediately surrounding the blast nozzle into the environment during blasting work. A second suction system which functions separately allows the device, with its integrated blast pressure nozzle, to hold itself steady automatically, even in extreme working positions, e.g., overhead, hereby relieving the operator of this task, and can still be moved laterally in any direction. The high suction capacity of the device ensures that the blasting material or liquids which rebound or are projected off of the surface during blasting work are extracted without leaving a residue and collected in containers. The inventive suction device can also be used for drying the expansion joints of concrete slabs etc. and prevents the pollution of the environment with residues of dust, joint material and chemical material.

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IPC 8 full level
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