Title (en)

IMPELLER FOR FEEDING BLASTING SHOTS INTO A CENTRIFUGAL WHEEL

Title (de)

IMPELLER ZUM EINSPEISEN VON STRAHLMITTEL IN EIN SCHLEUDERRAD

Title (fr)

TURBINE POUR ALIMENTER UNE TURBINE DE GRENAILLAGE EN AGENT DE GRENAILLAGE

Publication

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Application

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Abstract (en)

[origin: WO2006000426A1] The invention relates to an impeller (2) for feeding blasting shots, which are to be accelerated, into the centrifugal wheel of a shot blasting system. Said impeller (2) is disposed in the central area of the centrifugal wheel inside a distributing bushing (1), which is provided with a distributing opening (8), and is rotatable in the direction of rotation of the centrifugal wheel. The impeller (2) comprises mainly plate-shaped guiding elements arranged on the distributing bushing (1) and on at least one lateral disk (4) for directing the blasting shots outside. At least two adjacent guiding elements are configured as limbs (5, 6) interconnected to form a single profiled piece (3), wherein adjacent limbs (5, 6) of adjacent profiled pieces (3) form channels through which the blasting shots can be discharged to the outside.

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