

Title (en)
Impeller wheel for abrasive blasting devices.

Title (de)
Schleuderrad für Strahlmittelanlagen.

Title (fr)
Roue centrifuge pour dispositifs de projection d'abrasif.

Publication
EP 0033819 A2 19810819 (DE)

Application
EP 80710029 A 19801213

Priority
DE 3004857 A 19800209

Abstract (en)
1. Centrifugal wheel for jet equipment with a guiding disc wheel and with scoops (1), fixed on to the guiding disc wheel with the help of stretching elements as stops, each of which is constructed on its front and rear side uniformly, symmetrically to its longitudinal axis (B-B) and to a transverse axis (A-A) running vertically to the longitudinal axis (B-B) in the plane of the scoop, and which has recesses (4), for the reception of the stretching elements, which are provided in rib-shaped side edges (3) of the scoops (1) in pairs in the manner of a mirror image at a distance from the transverse axis (A-A), characterized in that in each rib-shaped side edge (3) there are provided, not only on the front side but also on the rear side, two recesses (4) in the manner of a mirror image at a distance from the transverse axis (A-A), of which recesses (4) provided on the front or the rear side, only those on the same side of the transverse axis (A-A) accommodate the stretching elements.

Abstract (de)
Bei einem Schleuderrad für Strahlmittelanlagen ist jede Wurfschaufel (1) symmetrisch zu ihrer Längsachse (B-B) und zu einer senkrecht zur Längsachse (B-B) in der Schaufelebene verlaufenden Querachse (A-A) ausgebildet. Die Vorder- und Rückseite der Wurfschaufel (1) sind gleich ausgebildet. Jede Wurfschaufel (1) weist Ausnehmungen (4) für die Aufnahme von Spannelementen auf. Die Ausnehmungen (4) sind paarweise spiegelbildlich im Abstand von der Querachse (A-A) angeordnet.

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