

Title (en)  
CENTRIFUGAL WHEEL SYSTEM

Title (de)  
SCHLEUDERRADANORDNUNG

Title (fr)  
ENSEMBLE TURBINE DE SABLAGE

Publication  
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Application  
**EP 02702308 A 20020125**

Priority  
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Abstract (en)  
[origin: DE10104703C1] The invention relates to a centrifugal wheel system for the surface treatment of workpieces. Said system comprises a centrifugal wheel comprising a plurality of projection blades (11.1, 11.2) which are radially arranged thereon, a distribution wheel (12) which is coaxially arranged in relation to the centrifugal wheel, and an adjustable jet guiding collet (1) which is likewise arranged coaxially in relation to said wheel and is used to control the direction of the operating jet (15) by adjusting a guiding opening of said jet guiding collet (1). A jet defining collet (20), which can rotate in relation to the jet guiding collet (1), is concentrically arranged in relation to the same and comprises a defining opening having a jet defining edge (26). Said jet defining edge (26) can be placed in a position in which it at least partially covers the guiding opening of the jet guiding collet (1). Two coaxial collets which can be inserted inside each other and respectively comprise a window-type opening on the circumference thereof enable the projected product to be guided from a distribution wheel (12) arranged inside the two collets in the free angle between two turbine blades (11.1, 11.2).

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