

Title (en)  
ROTOR FOR A REDUCING MACHINE

Title (de)  
ROTOR FÜR EINE ZERKLEINERUNGSMASCHINE

Title (fr)  
ROTOR POUR BROYEUR

Publication  
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Application  
**EP 98966182 A 19981201**

Priority  
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• DE 19756275 A 19971218

Abstract (en)  
[origin: US6412718B1] The invention relates to a rotor (1) for a reducing machine. According to the invention, the protective caps (6.1) covering the outer plates (3.1) of the rotor (1) are decoupled from the forces of the hammer axles (5) and from the forces exerted directly on the outer protective caps (6.1) by the hammers. The outer protective caps (6.1) which are exposed to the lateral forces of the hammers (4) encompass the outer edge of each of the plates (3.1) with a web (6.2) and encompass each of the inner steps (3.2) of the plate (3.1) with a projection (6.5) in the shape of a ring segment. At the same time, these outer protective caps (3.1) are mounted on the plate (3.1) with a positive fit by means of a connecting element (9) such as a hexagon socket screw. The outer protective caps (3.1) which are adjacent to the inner protective caps (6) are fixed to the outer plate (3.1) with a non-positive fit, also by means of connecting elements (9) such as hexagon socket screws (3.1). A locking dog (8) which is also fixed directly to the plate (3.1) secures and limits the axial position of the respective hammer axle (5) in the plate (3.1).

IPC 1-7  
**B02C 13/28**

IPC 8 full level  
**B02C 13/28** (2006.01)

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Cited by  
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