

Title (en)  
ROTOR FOR SCRAP SHREDDER

Title (de)  
ROTOR FÜR EINEN ABFALLZERKLEINERER

Title (fr)  
ROTOR POUR UNE DECHIQUETEUSE DE DECHETS

Publication  
**EP 1883476 A1 20080206 (EN)**

Application  
**EP 06724423 A 20060419**

Priority  
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• IT MI20050757 A 20050427

Abstract (en)  
[origin: WO2006114223A1] A rotor (1) for a scrap shredder consisting of a substantially cylindrical body carrying multiple pairs of blades (41, 42) is described, in which the blades (41, 42) of each pair occupy opposite positions on the surface of the cylindrical body. The blades (41, 42) of each pair are machined at the ends of a body (4) preferably made by pressing and inserted in a through hole (50) made in the body (6) of the rotor (1), to which it is secured by means of retainers (47). Advantageously, the distance between the axes of two adjacent through holes (50) is less than the sum of their radii and hence the rotor (1) has an axial channel in which a coolant flows which directly cools the bodies (4), which carry each pair of blades (41, 42).

IPC 8 full level  
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CPC (source: EP)  
**B02C 18/0084** (2013.01); **B02C 18/18** (2013.01); **B02C 18/184** (2013.01)

Citation (search report)  
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