

Title (en)  
IMPROVED ROTOR DESIGN

Title (de)  
VERBESSERTE ROTORGESTALTUNG

Title (fr)  
MODELE DE ROTOR PERFECTIONNE

Publication  
**EP 0796148 A4 19981209 (EN)**

Application  
**EP 95941940 A 19951221**

Priority  

- NZ 9500135 W 19951221
- NZ 26094895 A 19950106
- NZ 27056895 A 19950224

Abstract (en)  
[origin: WO9620789A1] This invention relates to an improved rotor design and in particular to a method of manufacturing a centrifugal rotor into which material is introduced and can exit therefrom as a consequence of the motion of the rotor, characterized by the step of positioning a guide edge (9) so that in order for the material to exit the rotor (6) during movement therefrom, the angular acceleration of the material is changed directly or indirectly by the guide edge (9) to be different from what the angular acceleration would have been without the guide edge (9).

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**B02C 13/282**; B02C 13/286; B02C 13/14

IPC 8 full level  
**B02C 19/00** (2006.01)

CPC (source: EP)  
**B02C 19/0031** (2013.01)

Citation (search report)  

- [XA] DE 1963485 A1 19701112 - THAELMANN SCHWERMASCHBAU VEB
- [XA] DE 3110213 A1 19820916 - MANNSBERGER E MASCH APP [AT]
- [XA] US 3834631 A 19740910 - KING T
- See references of WO 9620789A1

Designated contracting state (EPC)  
DE ES FR GB SE

DOCDB simple family (publication)  
**WO 9620789 A1 19960711**; AU 4318796 A 19960724; AU 703411 B2 19990325; EP 0796148 A1 19970924; EP 0796148 A4 19981209

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**NZ 9500135 W 19951221**; AU 4318796 A 19951221; EP 95941940 A 19951221