

Title (en)  
Mill for granulating plastics

Title (de)  
Schneidmühle zur Zerkleinerung von Kunststoffen

Title (fr)  
Granulateur de matière plastique

Publication  
**EP 0995493 A3 20001122 (DE)**

Application  
**EP 99120229 A 19991011**

Priority  
DE 19847904 A 19981018

Abstract (en)  
[origin: EP0995493A2] The end face (19) of the rotor shaft (11) facing an internal wall of the casing (18) carries a disc (20). Its diameter (21) is about that of the maximum rotor cutting circle. Preferred features: An annular disc (22) of similar diameter to the rotor disc, is fixed flush in the casing wall (18). Both discs are hardened steel. The gap separating them is a few tenths of a millimeter wide. Screw fastenings are used for both. An opening (25) in the annular disc, the gap (28) and a channel (26), carry off fine dust residues. The rotor axis (13) is inclined, preferably at 45 degrees (15).

IPC 1-7  
**B02C 18/12**; **B02C 18/44**; **B02C 18/14**; **B02C 18/16**

IPC 8 full level  
**B02C 18/14** (2006.01); **B02C 18/16** (2006.01)

CPC (source: EP)  
**B02C 18/086** (2013.01); **B02C 18/144** (2013.01); **B02C 18/148** (2013.01); **B02C 18/16** (2013.01)

Citation (search report)  
• [Y] DE 2261977 A1 19740620 - ROSENBERGER ERNST  
• [Y] DE 1153597 B 19630829 - CONDUX WERK  
• [A] EP 0611600 A2 19940824 - KACZMAREK AL [US]

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