

Title (en)  
IMPROVED CUTTING WHEEL

Title (de)  
VERBESSERTES SCHNEIDRAD

Title (fr)  
ROUE DE COUPE PERFECTIONNEE

Publication  
**EP 2066832 B1 20110907 (FR)**

Application  
**EP 07823626 A 20070723**

Priority  
• FR 2007051708 W 20070723  
• FR 0653122 A 20060726

Abstract (en)  
[origin: US2010089213A1] Chopping wheel (19), intended for chopping continuous strands into sections of predetermined length, which has a backup component consisting of a rotating drum equipped with blades (22) arranged perpendicular to its periphery and, between these blades (22), components that, under the effect of the centrifugal force, are supposed to ensure the compression of strands (11) against the surface of a backup drum, and then the chopping of the strands into sections (14), and the ejection of the chopped sections, the components ensuring the compression of the strands consisting of fins connected to deformable ring (26, 27a, 27b) arranged under the base of blades (22) and whose axis coincides with the axis of rotation of said chopping wheel (19), is characterized by the fact that on each side, deformable ring (26, 27a, 27b) has a parallel straight side extending from the base of deformable ring (26, 27a, 27b) to the base of the fins.

IPC 8 full level  
**D01G 1/04** (2006.01)

CPC (source: EP KR US)  
**D01G 1/00** (2013.01 - KR); **D01G 1/04** (2013.01 - EP KR US); **Y10T 83/2109** (2015.04 - EP US); **Y10T 83/4838** (2015.04 - EP US)

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