

Title (en)  
Shredder with knives having multiple cutting blades

Title (de)  
Shredder mit Mehrschneiden-Messern

Title (fr)  
Déchiqueteur avec lames à plusieurs tranchants

Publication  
**EP 2537588 B1 20160406 (DE)**

Application  
**EP 12166755 A 20120504**

Priority  
US 201113168265 A 20110624

Abstract (en)  
[origin: EP2537588A2] The shredder has cutters (30) comprising a plan shaped rigid body. The cutter is mounted on cutter holders (44) along direction oriented tangent to an outer peripheral surface of a rotor (12). The body defines corner shape to be complementary to V-shaped grooves (26) in a counter-knife (14). The cutters are mounted in orientation such that the corners mesh with the grooves as the rotor rotates about an axis. The cutters are multi-point cutters (130) in which the corner of the cutters defines cutting points spaced apart along direction, where the points mesh with the grooves.

IPC 8 full level  
**B02C 18/14** (2006.01); **B02C 18/00** (2006.01); **B02C 18/18** (2006.01)

CPC (source: EP US)  
**B02C 18/0084** (2013.01 - EP US); **B02C 18/145** (2013.01 - EP US); **B02C 18/18** (2013.01 - EP US); **B02C 2018/188** (2013.01 - US)

Cited by  
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
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