

Title (en)

Garden waste shredder with a blade housing containing rotating, powered flat blades.

Title (de)

Gartenhäcksler mit Messergehäuse und darin umlaufend anzutreibenden Flachmessern.

Title (fr)

Broyeur de déchets de jardin avec enceinte contenant des couteaux plats à entraîner en rotation.

Publication

EP 0505701 B1 19950809 (DE)

Application

EP 92102029 A 19920207

Priority

DE 4110037 A 19910327

Abstract (en)

[origin: EP0505701A1] Garden waste shredders are provided with a blade housing (1) arranged on a frame (4) which bears the drive motor and a charging funnel and surrounds a lower ejection space and in which there is a blade carrier disc (7) which is to be driven in rotation about an essentially vertical axis and is provided with essentially radially extending passage slots (8) and flat blades (10) arranged above the latter in the manner of cutting knives. Furthermore, a counterbearing insert (13) is provided in the blade housing (1), said insert having, at the bottom, a lower counter-cutter (18) which interacts with the cutters (10') of the flat blades (10) and extends in a flat and essentially radial fashion. In order to be able to use the garden waste shredder to cut up even relatively strong branch material to the largest possible extent without producing much noise, the blade cutters (10') consist of short blade cutter sections (10", 10'") which extend over a sub-length area, which constitutes less than half the length, of the lower counter-cutter (18) which interacts with them, at least some of these blade cutter sections (10", 10'") being arranged radially offset with respect to one another. <IMAGE>

IPC 1-7

B02C 18/12

IPC 8 full level

B02C 18/08 (2006.01); **B02C 18/12** (2006.01)

CPC (source: EP)

B02C 18/083 (2013.01); **B02C 18/12** (2013.01); **B02C 2201/066** (2013.01)

Cited by

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EP 0505701 A1 19920930; **EP 0505701 B1 19950809**; AT E126098 T1 19950815; DE 4110037 A1 19921001; DE 59203157 D1 19950914; ES 2075489 T3 19951001

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