

Title (en)

A method and a system of fragmentising objects

Title (de)

Verfahren und System zur Zerkleinerung von Gegenständen

Title (fr)

Méthode et system pour broyer d'objets

Publication

**EP 1516671 A3 20051005 (EN)**

Application

**EP 04388062 A 20040916**

Priority

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Abstract (en)

[origin: EP1516671A2] The invention relates to a method for fragmentising objects, which method comprises that the objects are advanced towards a number of rotating blades having at least one common axis of rotation, which blades are distributed in accordance with a pattern lengthwise of the axis of rotation, wherein - in line with the blades - at least one hold-on means is provided, which hold-on means is configured for cooperating with the blades for cutting objects or completely or partially crushing objects or reducing the size of objects. Novel aspects of the method according to the invention comprises that the objects are advanced essentially at an angle which is oblique in relation to the path curves of the blades or at right angles thereto, whereby an object is, during its advancement, caused to contact at least one first blade and then gradually, depending on the size of the object, an increasing number of blades. Tests have shown that the noise level is reduced in this manner, in particular in case of elongate objects of wood without significantly influencing the capacity. <IMAGE>

IPC 1-7

**B02C 18/18**; **B02C 18/22**; **B02C 18/14**

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CPC (source: EP)

**B02C 13/02** (2013.01); **B27L 11/002** (2013.01); **B02C 2018/188** (2013.01)

Citation (search report)

- [X] DE 19837436 A1 20000224 - WIENEKE FRANZ [DE]
- [X] US 3545692 A 19701208 - BURKETT ROUTHFORD J
- [X] DE 2135116 A1 19730201 - INTER WOOD MASCHINEN
- [X] US 4771953 A 19880920 - MOREY NORVAL K [US]
- [X] DE 2432346 A1 19760122 - STRONG DONALD EARL

Cited by

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