

Title (en)

Pregrinding and dosing device, especially for large plants for shredding documents or other waste

Title (de)

Vorzerkleinerungs- und Dosiervorrichtung, insbesondere für Grossanlagen zur Vernichtung von Akten u.ä. Abfallmaterialien

Title (fr)

Dispositif de prébrayage et de dosage, en particulier pour de grandes installations de déchiquetage de documents et autres déchets

Publication

EP 0595048 B1 19970528 (DE)

Application

EP 93115764 A 19930930

Priority

DE 4236121 A 19921027

Abstract (en)

[origin: EP0595048A2] Pre-disintegrating and metering device, in particular for large plants for shredding documents and similar waste, is equipped with a pair of cutting rollers (1, 2) which are arranged at the bottom of a filling chute (E), are driven in a contra-rotating manner and are fitted with toothed cutter discs (3, 4). What is essential here is that the cutter discs (3, 4) have a bevelled back (3a and 4a) and are in engagement with each other with the highest rotating edges (K) of the bevels (3a and 4a) in each case bearing against each other in pairs, and that each of these pairs of discs (3, 4) is fastened on the drive shafts or cutting rollers (1, 2) at a pronounced distance (a) from the next pair of discs (3', 4') in the longitudinal direction (L) of the shaft, the stylus-like tearing teeth (3b and 4b) having a helical design (W) or arrangement. <IMAGE>

IPC 1-7

B02C 18/18; **B02C 18/00**; **B02C 18/22**

IPC 8 full level

B02C 18/00 (2006.01); **B02C 18/18** (2006.01); **B02C 18/22** (2006.01)

CPC (source: EP US)

B02C 18/0007 (2013.01 - EP US); **B02C 18/182** (2013.01 - EP US); **B02C 18/22** (2013.01 - EP US); **B02C 2018/0069** (2013.01 - EP US)

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EP 0595048 A2 19940504; **EP 0595048 A3 19940601**; **EP 0595048 B1 19970528**; DE 4236121 A1 19940428; DE 4236121 C2 19960718; DE 59306583 D1 19970703; US 5362000 A 19941108

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