

Title (en)

Process and device for the disposal of discarded plastic packaging straps

Title (de)

Verfahren und Vorrichtung zur Entsorgung von ausgedienten Umreifungsbändern aus Kunststoff

Title (fr)

Procédé et dispositif pour le traitement des bandes de serrage en matière plastique rejeté

Publication

EP 0615785 B1 19991208 (DE)

Application

EP 94103341 A 19940305

Priority

DE 4307985 A 19930313

Abstract (en)

[origin: EP0615785A2] For the purpose of disposal, discarded plastic packaging straps are fed substantially in a radial direction to a cylindrical path of at least one rotating cutting knife and are cut into short pieces. They are severed obliquely over their broad side faces and fed to the cylindrical path of the cutting knife at a uniform rate. The packaging straps are cut up between a cutting edge of the cutting knife and a knife edge past which the cutting edge is moved at a small distance from it. The cutting edge and the knife edge are inclined with respect to each other. The packaging straps are drawn by motor into the path of the cutting knife. The drawing-in of the packaging straps is interrupted automatically if a foreign body is drawn in. Each packaging strap is inserted between two draw-in rollers, which can be pressed against each other and of which at least one is driven by motor. The drawing-in of the packaging straps is interrupted if a predetermined distance between the draw-in rollers is exceeded.

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IPC 8 full level

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CPC (source: EP)

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Cited by

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EP 0615785 A2 19940921; **EP 0615785 A3 19941117**; **EP 0615785 B1 19991208**; AT E187359 T1 19991215; DE 4307985 A1 19940915; DE 59408974 D1 20000113

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