

Title (en)

Press for manufacturing ligatured bales of waste materials.

Title (de)

Presse zum Herstellen abgebundener Ballen aus Abfallmaterialien.

Title (fr)

Presse pour fabriquer des balles ligaturées de matériaux de déchets.

Publication

EP 0048383 A2 19820331 (DE)

Application

EP 81107040 A 19810908

Priority

DE 3035464 A 19800919

Abstract (en)

1. A press for the production of bound bales of waste materials, comprising a press ram (2) that can be moved backwards and forwards in a horizontal press shaft (1), a filling hopper (27) mounted on the top of the press shaft and a cut-off mechanism comprising blades set at an angle to one another, the one (4) fixed to the top of the press shaft and the other comprising blade elements (8a, 8b), that are divided in the direction of pressing and that move back and fore with the press ram (2) to which they are fixed, characterized by a combination of the following features, a. The cutting edges (8') of the two center cutting blade parts (8b) forming an arrowhead, pointing in the direction of pressing, that advances ahead of the cutting edges (8') of the two outer cutting blades (8a) b. The gaps (9) between the separate blades (8a and 8b) widening outwards to the rear from the blade edges (8') to form the openings (9') that correspond with the grooves (10) in the front face of the press ram, c. The counter blades (4) on the housing being of essentially conventional saw-tooth form.

Abstract (de)

Eine Presse zum Herstellen abgebundener Ballen aus Abfallmaterialien ist mit einer Abschervorrichtung, bestehend aus Schermessern (8a, 8b) mit pfeilförmigem Schneidkantenverlauf (8') am Preßkolben (2) und zackenförmigen Gegenmessern (4) am Gehäuse (1) versehen. Die Zuführung der für das Abbinden der Ballen erforderlichen Bänder (11 und 12) erfolgt über Zentrierrollenpaare (17, 18) von einer oberen (13) und unteren Bandvorratsstation (14) aus in den Preßschacht (3) hinein.

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IPC 8 full level

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CPC (source: EP)

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