

Title (en)
COMPOSTING APPARATUS FOR COMMINUTING ORGANIC WASTE

Publication
EP 0212194 B1 19891011 (DE)

Application
EP 86109255 A 19860707

Priority
DE 3529326 A 19850816

Abstract (en)
[origin: EP0212194A1] 1. Compost device for comminuting organic waste, comprising : (a) a receptacle (16) adapted to be put on a lorry (10), (b) a transporting device (22) on the bottom of this receptacle (16), which transporting device transports toward one end of the receptacle, (c) a striking work (20) driven by a driving mechanism, which striking work closes the receptacle (16) at said one end and which has rotating striking bodies drawn outwards under the action of the centrifugal force, the rotating direction of which striking bodies is such that the striking bodies at the side of the transporting device move from below to the top and the action region of which is limited by an imaginary cylinder surface (38), (d) an impact wall (42) arranged above the striking work (20), which impact wall forms a narrow exit slot (44) with said imaginary cylinder surface (38), characterized in that (e) the striking work (20) has a plurality of discs (32) spaced from each other on a shaft (30), (f) eccentric bearing shafts (34) are mounted in the discs (32), (g) the striking bodies are formed by hammers (36) which are pivotally mounted on the bearing shafts (34) between the discs (32), and (h) a series of catching claws (46) is arranged on the exit side in front of the exit slot (44) and extends into the interspaces between the rotating hammers (36), (i) the catching claws (46) are mounted to be rotated outwardly, and (j) the catching claws (46) are held in their working position against a stop (80) through a biased spring (78).

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B02C 13/04; **B02C 21/02**

IPC 8 full level
B02C 13/04 (2006.01); **B02C 21/02** (2006.01)

CPC (source: EP)
B02C 13/04 (2013.01); **B02C 21/02** (2013.01)

Citation (examination)
FR 2540330 A1 19840810 - COLLET JEAN PIERRE [FR]

Cited by
US5503340A; US5484110A; US5503339A; CN110302860A; US5472146A; DE4311435A1; US5472147A; DE4311435B4; EP0443315A1; WO2004082909A1

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