Title (en)
DEVICE FOR FRAGMENTING, COMPACTING AND DISCHARGING OF VOLUMINOUS BULK GOODS, IN PARTICULAR HOUSEHOLD WASTE

Publication
EP 0085054 B1 19861203 (EN)

Application
EP 82900842 A 19820317

Priority
SE 8101680 A 19810317

Abstract (en)
[origin: WO8203200A1] The device for fractioning, compacting and discharging of voluminous bulk goods, in particular household waste, consists of a housing (1) supporting an essentially vertical feeding shaft (2) with a circular discharge opening. Under the feeding shaft (2) a number of rings are constructed on top of each other (4-8), for mutual relative rotational movement around the discharging openings' central axle. Each ring is formed with a towards the rings' centre pushing shovel formed part, which for each ring pushes more in towards the centre than the above laying one, and which boarders an eccentric opening throughout the rings. The rings are constructed in such a way that by relative rotational influence, bulk goods, gravitationally fed through the rings, can be simultaneously fractioned, through interaction between the rings contra rotating shovel formed parts. Under the bottom ring (8) a cylindrical discharging chamber (24) is constructed with therein a horizontal forward and backward moving plunger device (25) for cutting and compacting the out of the lowest ring coming fragmented bulk goods into a discharging pipe (26).

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IPC 8 full level
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B02C 18/0084 (2013.01); **B30B 9/3035** (2013.01)

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