

Title (en)
GARDEN WASTE COMMUNUTING DEVICE

Publication
EP 0251060 A3 19881005 (DE)

Application
EP 87108780 A 19870619

Priority
DE 3621418 A 19860626

Abstract (en)
[origin: US4778117A] In the context of a device for chopping up garden waste or the like of the type comprising a housing mounted on support legs and having at least one ejector opening, a preferably vertical charging passage mounted on the housing, a carrier disk adapted to rotate in the housing about an upright axis and mounted on the shaft of a motor attached to the housing so that the disk shuts off the housing at a lower end thereof and at least one generally radially aligned knife on the disk which is placed on a trailing edge, i.e. the edge which is to the rear in the direction of rotation, of a slot in the disk, the knife being arranged to cooperate with a stationary support bolster in the form of a circumferential part, extending transversely in relation to the direction of rotation, of the charging passage under which the knife moves, the invention seeks to achieve an improved functional performance and a compact construction insofar as in at least a lower part thereof the charging passage has a cross section which extends from the edge part of the carrying disk towards its center provided with a deflector mounted thereon and which is provided with at least one circumferential inward protrusion, whose trailing side respectively forms a stationary support bolster for supporting the waste being chopped, and furthermore the motor is carried on the floor part, overlapped by the carrier disk, of a housing chamber, which at its circumference has a number of ejection openings equal to the number of inward protrusions, whose axis is in a projection generally perpendicular to the projection of the side, which forms the respective associated stationary support bolster, of the corresponding circumferential inward protrusion of the charging chamber.

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CPC (source: EP US)
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Citation (search report)
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• [A] DE 1607545 A1 19690918 - MACH EN APP NFABRIEK G A VAN D
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