

Title (en)

Comminution device and method of operating the same

Title (de)

Vorrichtung zum mechanischen Zerkleinern eines heterogenen Einsatzguts und Verfahren zum Betreiben derselben

Title (fr)

Dispositif de broyage et son procédé de fonctionnement

Publication

EP 1616625 B1 20110518 (DE)

Application

EP 05405386 A 20050616

Priority

- EP 04405449 A 20040714
- EP 05405386 A 20050616

Abstract (en)

[origin: EP1616625A1] The device has a housing (20) with a lockable feeding opening (3). A first outlet (4) is provided for a fine fraction (11) and a second outlet (5) for a rough fraction (12) or a mixture of rough and fine fractions. A chamber (21) is provided with a cutter and a classifier. A driver (7) for the cutter (6) is operable in a maximum capacity range above a no-load operation. A catch (30) has an air lock configuration for the feeding opening. An ejector (50) for the second outlet of the rough fraction and an electronic control (8) provides indirect drive power on the catch as well as the ejection mechanism, in which when cutting up the fraction material from the meal area is output, a classifier is operable and the rough fraction ejection is intermittently activated (50). During intervals, the drive power can be influenced such that it oscillates around a desired value within the maximum capacity range between a relative maximum and minimum values back and forth. An independent claim is included for a method of operating the device.

IPC 8 full level

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CPC (source: EP)

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Cited by

DE102011080375A1; CN102834179A; AU2011212726B2; WO2018189369A1; US9511373B2; WO2011095295A3; EP3431181B1

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