

Title (en)
Mill for pulverizing solids

Title (de)
Feststoffmühle

Title (fr)
Broyeur pour la pulvérisation de matières solides

Publication
EP 0813944 A2 19971229 (DE)

Application
EP 97109413 A 19970610

Priority
DE 29610848 U 19960620

Abstract (en)
A mill for the reduction of plastic items has a hopper (10) opening into the pulveriser housing (8) where the cutter (6) is located. There is a feeder (14) to compress the items, partly in the hopper, with an Archimedean screw made from a helical spring. The axis of the cutter is horizontal and that of the feeder is vertical. The feeder direction is offset from the opening to the hopper. The hopper has an inclined wall (28) so that it tapers downwards from the opening, and the feeder axis is beside the opposite wall. The motor (18) for the feeder and cutter can be exchanged, being bolted to a flange outside the bearing plate (34).

Abstract (de)
Offenbart ist eine Feststoffmühle zur Zerkleinerung von Feststoffen, vorzugsweise von Kunststoffteilen, bei der im Einzugsschacht eine Einzugseinrichtung vorgesehen ist, über die die Feststoffe durch den Einzugsschacht hindurch hin zum Mahlgehäuse zwangsgefördert werden.
<IMAGE>

IPC 1-7
B29B 17/02; **B02C 18/44**

IPC 8 full level
B02C 18/22 (2006.01)

CPC (source: EP)
B02C 18/148 (2013.01); **B02C 18/2258** (2013.01)

Cited by
CN104258955A; US11969736B2; DE10116336B4; DE20321693U1; EP1609524A1

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