

Title (en)
Comminuting device.

Title (de)
Zerkleinerungsvorrichtung.

Title (fr)
Dispositif de broyage.

Publication
EP 0529221 A1 19930303 (DE)

Application
EP 92110178 A 19920617

Priority
DE 9110457 U 19910823

Abstract (en)
The invention relates to a comminuting device having a funnel-like container (1) in whose outlet region (2) two crusher rollers (3, 4) which are parallel to one another and can be driven in opposite directions are mounted. In order to permit the device to be used universally and to have a good self-cleaning effect, there is provision for the crusher rollers (3, 4) to have a cylindrical base body (5) on which a plurality of mutually spaced disc elements (6) are mounted, at the circumferential area of which disc elements (6) a plurality of crusher elements (7) are provided. <IMAGE>

Abstract (de)
Die Erfindung bezieht sich auf eine Zerkleinerungsvorrichtung mit einem trichterartigen Behälter (1), in dessen Auslaßbereich (2) zwei zueinander parallele Brecherwalzen (3,4) gelagert sind, welche gegenläufig antreibbar sind. Um eine universelle Einsetzbarkeit bei einem guten Selbstreinigungseffekt zu erzielen, ist vorgesehen, daß die Brecherwalze (3, 4) einen zylindrischen Grundkörper (5) aufweist, an welchem mehrere zueinander beabstandete Scheibenelemente (6) befestigt sind, an deren Umfangsbereich mehrere Brecherelemente (7) angebracht sind. <IMAGE>

IPC 1-7
B02C 18/14; B02C 18/40

IPC 8 full level
B02C 4/08 (2006.01); **B02C 18/14** (2006.01)

CPC (source: EP)
B02C 4/08 (2013.01); **B02C 18/142** (2013.01)

Citation (search report)
• [Y] DE 2838001 A1 19800424 - VOELSKOW PETER
• [Y] US 4205799 A 19800603 - BREWER JOHN C [US]
• [A] US 1435330 A 19221114 - FRANK PARDEE
• [A] DE 8708703 U1 19870827

Cited by
DE102010028048A1; DE102012004984A1; EP2438991A1; CN105944791A; DE102009038984B4; CN105501580A; DE10344289B4; DE102012004984B4; ES2171144A1; CN112547192A; DE102010028048B4; DE202012007852U1; US7007878B2; DE202009013063U1; WO9504596A1; DE102009038984A1; DE202009018795U1; DE202009016001U1; EP1224978A2; EP2698207A1; WO2014026916A1; US10799878B2

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0529221 A1 19930303; EP 0529221 B1 19960925; AT E143291 T1 19961015; DE 59207231 D1 19961031; DE 9110457 U1 19911219; DK 0529221 T3 19970113; ES 2092599 T3 19961201; GR 3021587 T3 19970228

DOCDB simple family (application)
EP 92110178 A 19920617; AT 92110178 T 19920617; DE 59207231 T 19920617; DE 9110457 U 19910823; DK 92110178 T 19920617; ES 92110178 T 19920617; GR 960402961 T 19961107