

Title (en)

METHOD AND ARRANGEMENT FOR IMPACT CRUSHING

Publication

**EP 0053755 B1 19860730 (DE)**

Application

**EP 81109859 A 19811124**

Priority

- DE 3046173 A 19801208
- DE 3138259 A 19810925

Abstract (en)

[origin: ES8304809A1] For impact grinding a free-flowing feed material to a finished product of a narrow grain size range, particularly in the cereal and feeding stuff grinding industry, the feed material is fed to an impact or hammer mill (1) having a sieve jacket (33), wherein it is subjected to a first impact grinding phase, during which a first finished product passes through the sieve jacket (33), while a recirculation material component is withdrawn from the grinding chamber (34) through exhaust means (51) provided on the sieve jacket (33), said recirculation material component being fed to a grain size separator means (4) comprising a sieve screen (44) for separating further finished product from an oversize component which is to be returned to the impact grinding phase, preferably together with newly introduced feed material.

IPC 1-7

**B02C 13/13**

IPC 8 full level

**B02C 13/13** (2006.01)

CPC (source: EP US)

**B02C 13/13** (2013.01 - EP US)

Citation (examination)

- US 3184170 A 19650518 - JOHN KERESZTESY
- SU 139922 A1 19611130

Cited by

EP0613721A3; WO9303844A1

Designated contracting state (EPC)

AT BE CH FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0053755 A2 19820616; EP 0053755 A3 19840502; EP 0053755 B1 19860730;** CA 1172225 A 19840807; DK 151773 B 19880104; DK 151773 C 19880725; DK 539581 A 19820609; ES 507786 A0 19830316; ES 8304809 A1 19830316; US 4586658 A 19860506

DOCDB simple family (application)

**EP 81109859 A 19811124;** CA 391469 A 19811203; DK 539581 A 19811207; ES 507786 A 19811207; US 65844384 A 19841005