

Title (en)

Method and apparatus for continuously autogenously milling a flowable processing material

Title (de)

Verfahren und Vorrichtung zum kontinuierlichen autogenen Mahlen eines fließfähigen Behandlungsguts

Title (fr)

Procédé et appareil pour le broyage continu autogène d'une matière à traiter fluide

Publication

**EP 0700724 B1 20000126 (DE)**

Application

**EP 95113662 A 19950831**

Priority

- DE 4432153 A 19940909
- US 52463995 A 19950907

Abstract (en)

[origin: EP0700724A1] The material to be processed is flowable, with insoluble particles of varying dia. It is set in rotation in a grinding chamber (16) concentrically to a central longitudinal axis (17), whereby insoluble particles of large dia. in comparison with those of small dia. are over-proportionally concentrated in the grinding chamber. The particles of small dia. are smaller than those of large dia. by the factor 0.3 to 0.05. At the beginning of a grinding process, an excess of particles of large dia. is fed to the grinding chamber and during the ensuing grinding process an excess of small dia. particles is fed.

IPC 1-7

**B02C 17/16**

IPC 8 full level

**B02C 17/16** (2006.01); **B02C 17/18** (2006.01)

CPC (source: EP US)

**B02C 17/16** (2013.01 - EP US)

Cited by

EP0757922A3; AU2011231906B2; US9751088B2; WO2011117060A3; DE102013215257A1; US10637050B2; EP2488290B1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0700724 A1 19960313; EP 0700724 B1 20000126; EP 0700724 B2 20050921**; BR 9503976 A 19960924; CA 2157700 A1 19960310; CN 1041998 C 19990210; CN 1119556 A 19960403; DE 4432153 A1 19960314; JP H0889836 A 19960409; US 5570846 A 19961105; ZA 957582 B 19960415

DOCDB simple family (application)

**EP 95113662 A 19950831**; BR 9503976 A 19950908; CA 2157700 A 19950907; CN 95116242 A 19950908; DE 4432153 A 19940909; JP 23150895 A 19950908; US 52463995 A 19950907; ZA 957582 A 19950908