

Title (en)

Improved apparatus for finely milling and/or finely suspending substances in liquids

Title (de)

Verbesserter Apparat zum Feinmahlen und/oder Feinsuspendieren von Substanzen in Flüssigkeiten

Title (fr)

Appareil amélioré pour le broyage fin et/ou la suspension fine de substances dans des liquides

Publication

**EP 1118386 A1 20010725 (EN)**

Application

**EP 00830031 A 20000120**

Priority

EP 00830031 A 20000120

Abstract (en)

The improved apparatus of the invention comprises a container (1) in which a dispersion and/or a milling is performed by mechanical organs, and also comprises at least one ultrasonic generator (2) which transmits ultrasonic energy to a mass contained in the container (1). <IMAGE>

IPC 1-7

**B02C 17/16**; **B02C 19/18**

IPC 8 full level

**B02C 17/16** (2006.01); **B02C 19/18** (2006.01)

CPC (source: EP)

**B02C 17/16** (2013.01); **B02C 19/18** (2013.01)

Citation (search report)

- [XAY] US 5279463 A 19940118 - HOLL RICHARD A [US]
- [XAY] US 4964576 A 19901023 - DATTA RABINDER S [US]
- [XAY] EP 0686428 A1 19951213 - EASTMAN KODAK CO [US]
- [X] EP 0065188 A2 19821124 - BASF AG [DE]
- [Y] DE 1254001 B 19671109 - DRAISWERKE GMBH
- [A] DE 1507528 B1 19700924 - FRYMA MASCH AG

Cited by

CN103785511A; CN114029129A; CN103521763A; CN109465462A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 1118386 A1 20010725**

DOCDB simple family (application)

**EP 00830031 A 20000120**