

Title (en)
Device for grinding and mixing masses

Title (de)
Vorrichtung zum Mahlen und Mischen von Massen

Title (fr)
Dispositif pour le broyage et le mixage des masses

Publication
EP 0740953 B1 19990818 (DE)

Application
EP 96102069 A 19960213

Priority
DE 19515992 A 19950502

Abstract (en)
[origin: EP0740953A1] This mixer-grinder processes solids or paste masses and has a vessel with a pinned disc mill and external drive. The stator encircles the rotor with clearance, being composed of adjacent rods, which are concentric and parallel to the rotor axis. The rotor has a radial axis-parallel sections forming a grinding gap at the free ends. In this original arrangement, on at least one side and close to the rotor (14-16) is a rotating flight wheel (12, 13; 17, 18). The flights extend radially, and are slanted in order to pump or propel the mass axially onto the rotor.

IPC 1-7
B01F 7/04; **B01F 15/00**

IPC 8 full level
B01F 7/04 (2006.01); **B01F 15/00** (2006.01)

CPC (source: EP)
B01F 27/70 (2022.01)

Cited by
CN113522461A; CN115041040A; WO0119760A3; EP2092975A2; DE102008010841A1

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

DOCDB simple family (publication)
EP 0740953 A1 19961106; **EP 0740953 B1 19990818**; AT E183406 T1 19990915; DE 19515992 A1 19961107; DE 59602766 D1 19990923

DOCDB simple family (application)
EP 96102069 A 19960213; AT 96102069 T 19960213; DE 19515992 A 19950502; DE 59602766 T 19960213