

Title (en)

Method and device for grinding and intensive mixing bulk material and/or liquids with different pouring capability, density or viscosity for obtaining homogeneous mixtures.

Title (de)

Verfahren und Vorrichtung zum Mahlen und Intensivmischen von Schüttgütern und/oder Flüssigkeiten unterschiedlicher Schüttverhalten, Dichte oder Viskosität zum Zwecke der Erreichung von homogenen Mischgütern.

Title (fr)

Procédé et dispositif pour moudre et mélanger intensivement des matériaux en vrac et/ou des liquides de différente fluidité, densité ou viscosité dans le but d'obtenir des mélanges homogènes.

Publication

EP 0474102 B1 19951115 (DE)

Application

EP 91114415 A 19910828

Priority

DE 4028108 A 19900905

Abstract (en)

[origin: EP0474102A1] The mixing components are mixed within a vessel (1) by means of mixing tools (5) and grinding elements (7), and the mixing components are subjected to a forced compression by being passed through a mill consisting of at least two concentric grinding elements (8, 9) which are freely mobile relative to one another, and at least one grinding element causes the product motion in the axial and radial directions, while at least one other grinding element allows only axial flow. <IMAGE>

IPC 1-7

B01F 7/04

IPC 8 full level

B01F 7/04 (2006.01); **B01F 13/10** (2006.01)

CPC (source: EP)

B01F 27/70 (2022.01); **B01F 33/8305** (2022.01); **B01F 33/83612** (2022.01)

Cited by

EP0836880A1; DE10012072B4; EP0740953A1; FR2777804A1; EP2092975A3; US6626975B1

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0474102 A1 19920311; **EP 0474102 B1 19951115**; AT E130221 T1 19951215; DE 4028108 C1 19920527; DE 59106902 D1 19951221; ES 2082065 T3 19960316

DOCDB simple family (application)

EP 91114415 A 19910828; AT 91114415 T 19910828; DE 4028108 A 19900905; DE 59106902 T 19910828; ES 91114415 T 19910828