

Title (en)

METHOD AND APPARATUS FOR MIXING POWDERY OR FINE-GRAINED MATERIALS WITH LIQUIDS

Publication

EP 0140316 A3 19880406 (DE)

Application

EP 84112677 A 19841020

Priority

DE 3339306 A 19831029

Abstract (en)

[origin: EP0140316A2] Powdery or fine-grained materials are mixed with meterable liquids of varying viscosity, the solids being fed to a scattering disc, arranged inside a mixing vessel and driven in rotation, and being passed from the scattering disc over the edge thereof on a paraboloid trajectory to the inner wall of the mixing vessel housing, and the liquid being flung off to the inner housing wall via at least one liquid distributor arranged centrically relative to the solid- scattering disc and driven in rotation, and the liquid droplets must, on the way to the inner housing wall, penetrate the paraboloid trajectory of the solid particles. <IMAGE>

IPC 1-7

B01F 5/22

IPC 8 full level

B01F 25/74 (2022.01)

CPC (source: EP)

B01F 25/74 (2022.01)

Citation (search report)

- [A] GB 1461374 A 19770113 - RHONE POULENC IND
- [A] US 3986706 A 19761019 - GIOMBINI GIUSEPPE
- [A] US 4112517 A 19780905 - GIOMBINI GIUSEPPE
- [A] DE 1068670 B
- [AD] DE 838593 C 19520512 - EUGEN BELLMANN

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0140316 A2 19850508; EP 0140316 A3 19880406; DE 3339306 C1 19850515

DOCDB simple family (application)

EP 84112677 A 19841020; DE 3339306 A 19831029