

Title (en)

DEVICE FOR CONVEYING, GRINDING AND MIXING CONVEYING MATERIAL WITH A HIGH SOLIDS CONTENT

Publication

**EP 0114217 B1 19870909 (DE)**

Application

**EP 83111193 A 19831109**

Priority

DE 3247295 A 19821221

Abstract (en)

[origin: EP0114217A2] 1. A device for conveying, grinding and mixing conveying material with a high solids content, having a cylindrical housing (1) and a stub axle (9) projecting therein, an inlet port arranged opposite the latter and at least one outlet port (12) which is perpendicular, near-perpendicular or tangential to the axis of the stub axle, as well as vanes (30) or paddles (41) arranged on the stub axle to extend to the outlet port, characterized in that there are arranged on the inner surface of the housing annuli (6, 7, 43, 44) which are at least in part separated, their actual distance apart determining the degree of communication of the material to be treated, and in that the vanes or paddles (30, 41) have outer edge contours corresponding to the cross-sections of the separated annuli (6, 7, 43, 44).

IPC 1-7

**B02C 18/40**

IPC 8 full level

**B02C 13/06** (2006.01); **B02C 18/00** (2006.01)

CPC (source: EP)

**B02C 18/0092** (2013.01)

Cited by

CN111944575A

Designated contracting state (EPC)

AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0114217 A2 19840801**; **EP 0114217 A3 19850925**; **EP 0114217 B1 19870909**; AT E29394 T1 19870915; DE 3247295 A1 19840705; DE 3247295 C2 19880218; JP S59120255 A 19840711

DOCDB simple family (application)

**EP 83111193 A 19831109**; AT 83111193 T 19831109; DE 3247295 A 19821221; JP 23902183 A 19831220