

Title (en)
HEATABLE AND COOLABLE DISC STIRRER

Publication
EP 0105436 A3 19860723 (DE)

Application
EP 83109555 A 19830926

Priority
CH 582682 A 19821004

Abstract (en)
[origin: EP0105436A2] The hollow shaft (2) of the heatable and coolable disc stirrer carries a plurality of disc elements which are arranged side by side in the axial direction and which have at least one cutout (28-30), open radially outwards, in their radially outer region. These cutouts allow a transfer of material in the longitudinal direction of the shaft in the disc stirrer. The radially inner ring region (22) of the disc elements (9) has a flow channel (32) for the heating or cooling medium fed via the hollow shaft (2), so that the complete disc element is heated, starting from this ring region (22). <IMAGE>

IPC 1-7
B01F 15/06; B01F 9/18

IPC 8 full level
B01F 27/73 (2022.01)

CPC (source: EP)
B01F 27/707 (2022.01); **B01F 35/95** (2022.01); **B01F 27/115** (2022.01)

Citation (search report)

- [X] FR 1425694 A 19660124 - BUSS AG
- [X] US 3500901 A 19700317 - ROOT WILLIAM L, et al
- [Y] CH 376089 A 19640331 - FISCHER AG GEORG [CH]
- [AD] DE 2351763 A1 19740606 - LIST HEINZ DIPL-ING
- [AD] DE 2120359 A1 19711111 - MITSUBISHI HEAVY IND LTD
- [A] DE 1146852 B 19630411 - HENSCHEL WERKE AG
- [A] US 2077226 A 19370413 - DE BETHUNE GASTON S P
- [A] DE 1054473 B 19590409 - VOLKER ASCHOFF DR ING
- [A] BE 518156 A 19530331
- [A] EP 0031604 A1 19810708 - VANDEKERCKHOVE CONSTR [BE]

Cited by
NL2025396B1; US5041249A; DE3538070A1; EP0220575A3; EP0304925A1; EP0289647A1; EP0320586A1; US5055273A; CN103372391A; CN111468062A; EP0552609A1; EP0329091A1; EP0274668A1; WO8803053A1; WO2021215918A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0105436 A2 19840418; EP 0105436 A3 19860723; CH 657069 A5 19860815; JP S5987025 A 19840519

DOCDB simple family (application)
EP 83109555 A 19830926; CH 582682 A 19821004; JP 18323583 A 19831003