

Title (en)

APPARATUS FOR MIXING FLUENT MATERIALS

Publication

EP 0040270 B1 19840926 (EN)

Application

EP 80301584 A 19800515

Priority

EP 80301584 A 19800515

Abstract (en)

[origin: EP0040270A1] A gravity mixer for fluent materials in which material flows downwardly through a column (10, 12, 14) sequentially along a number of helical paths where it comes into contact with multiple perforated flights (28a-g, 32b-g) which divide the material and divert portions onto other flights for combining and mixing with other portions of material in different paths, thus advancing portions of material and retarding other portions and continuously blending the portions as they are brought together during the fall through the column.

IPC 1-7

B01F 5/24

IPC 8 full level

B01F 5/06 (2006.01); **B01F 5/24** (2006.01)

CPC (source: EP)

B01F 25/43161 (2022.01); **B01F 25/83** (2022.01)

Citation (examination)

US 3286992 A 19661122 - ARMENIADES CONSTANTINE D, et al

Cited by

CN103191902A; FR2929075A1

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

EP 0040270 A1 19811125; EP 0040270 B1 19840926; DE 3069264 D1 19841031

DOCDB simple family (application)

EP 80301584 A 19800515; DE 3069264 T 19800515