

Title (en)
LIQUID MIXER.

Title (de)
FLÜSSIGKEITSMISCHER.

Title (fr)
MELANGEUR DE LIQUIDES.

Publication
EP 0067218 A4 19840718 (EN)

Application
EP 82900477 A 19811222

Priority
US 21855580 A 19801222

Abstract (en)
[origin: WO8202152A1] A device for the mixing of materials which comprises a mixing tank (1) having a substantially circular cross-section, a fluid inlet pipe (7) having at least one inlet (8) located below the intended level of the fluid to be mixed within the mixing tank, a fluid exit pipe (10) having at least one fluid outlet (11) below the intended level of the fluid to be mixed within the mixing tank, wherein the fluid exit is substantially tangential to the side wall of the mixing tank. The fluid inlet pipe (7) and exit pipe (10) are intended to be connected through a fluid pump (19) and, as a preferred embodiment, an inline motionless mixer (12) is placed downstream of the pump (9).

IPC 1-7
B01F 15/02

IPC 8 full level
B01F 5/02 (2006.01); **B01F 5/10** (2006.01)

CPC (source: EP)
B01F 25/21 (2022.01); **B01F 25/50** (2022.01)

Citation (search report)

- [X] US 1355190 A 19201012 - FREDERICK TRAUDT WILLIAM
- [X] FR 1378687 A 19641113 - FRIEDRICHSFELDER ABWASSER UND
- [Y] FR 1366894 A 19640717 - ETABLISSEMENTS DAUBRON SOC D
- [Y] GB 1027846 A 19660427 - KAISER ALUMINIUM CHEM CORP
- [A] US 2322087 A 19430615 - ATWOOD EDWIN H
- [A] DE 2230766 A1 19730510 - UNION PROCESS INTERNATIONAL

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 8202152 A1 19820708; EP 0067218 A1 19821222; EP 0067218 A4 19840718

DOCDB simple family (application)
US 8101719 W 19811222; EP 82900477 A 19811222