

Title (en)

Liquid aerator and stirring device, for example for fatty effluents

Title (de)

Flüssigkeitsbelüftungs- und Rührvorrichtung, beispielsweise für fetthaltige Abwässer

Title (fr)

Dispositif d'aération et de brassage d'un liquide comme par exemple les effluents graisseux

Publication

**EP 0687497 A1 19951220 (FR)**

Application

**EP 95401088 A 19950510**

Priority

FR 9407394 A 19940616

Abstract (en)

An aeration/mixing system is mounted in a central cylinder in a liq. effluent tank. A rotating arm has a propeller, anti-vortex units and mixing "blades" which consist of 3-5 mm dia. cables in the form of a semi-circle. These cables ensure intimate gas/liq. contact when compressed gas is injected into the mixing section. <IMAGE>

IPC 1-7

**B01F 3/04**; **B01F 5/10**

IPC 8 full level

**B01F 3/04** (2006.01); **B01F 7/00** (2006.01); **B01F 7/16** (2006.01)

CPC (source: EP)

**B01F 23/23341** (2022.01); **B01F 23/23362** (2022.01); **B01F 27/113** (2022.01); **B01F 27/119** (2022.01); **B01F 27/192** (2022.01); **B01F 27/80** (2022.01)

Citation (search report)

- [A] EP 0264905 A1 19880427 - UNION CARBIDE CORP [US]
- [A] EP 0374967 A1 19900627 - UNION CARBIDE CORP [US]

Cited by

US6460830B1; FR2860168A1; EP0818422A1; FR2750890A1; FR2823743A1; CN110605047A; FR2758094A1; AU720825B2; CZ297858B6; WO2011101580A1; WO02085502A1; US7261279B2; WO9830319A1

Designated contracting state (EPC)

DE ES FR IT PT

DOCDB simple family (publication)

**EP 0687497 A1 19951220**; FR 2721229 A1 19951222; FR 2721229 B1 19960906

DOCDB simple family (application)

**EP 95401088 A 19950510**; FR 9407394 A 19940616