

Title (en)

Gerating nozzle for aerating organic substance containing liquids

Title (de)

Belüftungsdüse zum Belüften von organische Substanzen enthaltenden Flüssigkeiten

Title (fr)

Gicleur d'aération pour aérer des liquides contenant des substances organiques

Publication

EP 0614693 B1 19970528 (DE)

Application

EP 94102433 A 19940217

Priority

DE 9302862 U 19930226

Abstract (en)

[origin: EP0614693A1] The invention relates to an aerating nozzle (1) for aerating organic-substance-containing liquids. In order to keep the foam formation, in the case of organic substances which are to be aerated, within limits in a controlled manner, the invention provides that the angles of inclination of the side walls which delimit the liquid channel (2) are no greater than 30° with respect to the longitudinal axis (13), running in the direction of flow (38), of the aerating nozzle (1) at any point, the distributor bushing, whose liquid channel (2) is designed in a rectilinear manner, being arranged such that it can be exchanged for distributor bushings (9) which differ in terms of number and/or magnitude of the gas-inlet openings. <IMAGE>

IPC 1-7

B01F 5/04

IPC 8 full level

B01F 3/04 (2006.01); **B01F 5/02** (2006.01); **B01F 5/04** (2006.01)

CPC (source: EP US)

B01F 25/314 (2022.01 - EP US); **Y10S 261/13** (2013.01 - EP); **Y10S 261/75** (2013.01 - EP)

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL

DOCDB simple family (publication)

US 5496505 A 19960305; AT E153561 T1 19970615; AU 5525794 A 19940901; AU 667605 B2 19960328; BR 9400690 A 19941101; CN 1101301 A 19950412; DE 59402862 D1 19970703; DE 9302862 U1 19930527; EP 0614693 A1 19940914; EP 0614693 B1 19970528; JP 2649892 B2 19970903; JP H06296846 A 19941025

DOCDB simple family (application)

US 19814494 A 19940217; AT 94102433 T 19940217; AU 5525794 A 19940221; BR 9400690 A 19940225; CN 94101937 A 19940226; DE 59402862 T 19940217; DE 9302862 U 19930226; EP 94102433 A 19940217; JP 2956494 A 19940228