

Title (en)
An agitator blade and a method of agitation

Title (de)
Rührer und Verfahren zum Rühren

Title (fr)
Agitateur et procédé d'agitation

Publication
EP 0861685 A2 19980902 (EN)

Application
EP 98107451 A 19940323

Priority
• EP 94104601 A 19940323
• JP 9512893 A 19930331

Abstract (en)
Provided is agitator blade which is characterized in that one or more liquid transporting means are arranged on a mounting frame secured to an agitator shaft and the both ends of each of said liquid transporting means are opened to have an upper opening and a lower opening, respectively. The liquid transporting means include tube bodies, gutter bodies and plate bodies. An agitating method using said agitator blade is also provided. This invention makes it possible to defoam surely and effectively and also effectively mix liquids having different specific gravities. <IMAGE>

IPC 1-7
B01F 15/00; **B01F 3/04**

IPC 8 full level
B01F 3/08 (2006.01); **B01F 3/04** (2006.01); **B01F 7/00** (2006.01); **B01F 7/16** (2006.01); **B01F 15/00** (2006.01); **B08B 3/10** (2006.01); **C12M 1/02** (2006.01)

CPC (source: EP)
B01F 23/23421 (2022.01); **B01F 23/234211** (2022.01); **B01F 27/15** (2022.01)

Cited by
CN109224926A; AU754116B2; CN112831407A; EP1033164A3; US6458332B2; WO0114037A1

Designated contracting state (EPC)
CH DE DK FR GB IT LI SE

DOCDB simple family (publication)
EP 0619136 A1 19941012; **EP 0619136 B1 19990714**; DE 69419444 D1 19990819; DE 69419444 T2 20000330; DE 69432802 D1 20030710; DE 69432802 T2 20040506; DK 0619136 T3 19991129; DK 0861685 T3 20030623; EP 0861685 A2 19980902; EP 0861685 A3 20000209; EP 0861685 B1 20030604; JP 2002119838 A 20020423; JP 3253212 B2 20020204; JP 3677227 B2 20050727; JP H06335627 A 19941206

DOCDB simple family (application)
EP 94104601 A 19940323; DE 69419444 T 19940323; DE 69432802 T 19940323; DK 94104601 T 19940323; DK 98107451 T 19940323; EP 98107451 A 19940323; JP 2001261082 A 20010830; JP 5479994 A 19940302