

Title (en)  
DEVICE FOR MIXING TWO FLUIDS

Title (de)  
VORRICHTUNG ZUM MISCHEN ZWEIER FLUIDE

Title (fr)  
DISPOSITIF POUR LE MELANGE DE DEUX FLUIDES

Publication  
**EP 0759806 B1 19980930 (DE)**

Application  
**EP 95915124 A 19950331**

Priority  
• DE 9500451 W 19950331  
• DE 4418287 A 19940526

Abstract (en)  
[origin: US5798061A] PCT No. PCT/DE95/00451 Sec. 371 Date Mar. 19, 1997 Sec. 102(e) Date Mar. 19, 1997 PCT Filed Mar. 31, 1995 PCT Pub. No. WO95/32795 PCT Pub. Date Dec. 7, 1995A device for mixing two fluids, of which at least one is a liquid, which has a tubular vessel open on both axial ends for receiving the fluids, at least two nozzles which are separated from one another in space for supplying the fluids and a guide device one end of which communicates with the nozzles. At a location approximately in the middle of the guide device, it discharges into the vessel, the vessel surrounding at this point an impact zone in which fluid streams emerging from the guide device impact each other. The guide device is joined securely to the vessel and, one of the walls of the guide device defining a closed passage is the wall of the vessel.

IPC 1-7  
**B01F 3/04**; **B01F 5/02**

IPC 8 full level  
**B01F 3/04** (2006.01); **B01F 3/08** (2006.01); **B01F 5/02** (2006.01); **B01F 5/10** (2006.01)

CPC (source: EP KR US)  
**B01F 23/20** (2022.01 - KR); **B01F 23/23231** (2022.01 - EP US); **B01F 23/454** (2022.01 - EP US); **B01F 25/20** (2022.01 - KR); **B01F 25/211** (2022.01 - EP US); **B01F 25/23** (2022.01 - EP US); **B01F 25/50** (2022.01 - EP US); **Y10S 261/75** (2013.01 - EP US)

Designated contracting state (EPC)  
BE DE ES FR GB IT NL SE

DOCDB simple family (publication)  
**US 5798061 A 19980825**; AU 2212995 A 19951221; BR 9507689 A 19971007; CA 2189998 A1 19951207; CA 2189998 C 20040914; CN 1072976 C 20011017; CN 1154078 A 19970709; CZ 286481 B6 20000412; CZ 345296 A3 19970514; DE 19580560 D2 19980702; DE 4418287 A1 19951207; DE 4418287 C2 19960411; DE 59503792 D1 19981105; EP 0759806 A1 19970305; EP 0759806 B1 19980930; ES 2123244 T3 19990101; JP 3672923 B2 20050720; JP H10503968 A 19980414; KR 100319284 B1 20020422; KR 970703194 A 19970703; MX 9605815 A 19980531; NO 319891 B1 20050926; NO 965010 D0 19961125; NO 965010 L 19961125; PL 177300 B1 19991029; PL 317347 A1 19970401; WO 9532795 A1 19951207

DOCDB simple family (application)  
**US 75003497 A 19970319**; AU 2212995 A 19950331; BR 9507689 A 19950331; CA 2189998 A 19950331; CN 95194256 A 19950331; CZ 345296 A 19950331; DE 19580560 T 19950331; DE 4418287 A 19940526; DE 59503792 T 19950331; DE 9500451 W 19950331; EP 95915124 A 19950331; ES 95915124 T 19950331; JP 50013996 A 19950331; KR 19960706685 A 19961126; MX 9605815 A 19950331; NO 965010 A 19961125; PL 31734795 A 19950331