

Title (en)

METHOD AND DEVICE FOR COMBINING AT LEAST TWO FLOWABLE MEDIA

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ZUSAMMENFÜHREN WENIGSTENS ZWEIER FLIESSFÄHIGEN MEDIEN

Title (fr)

PROCEDE ET DISPOSITIF POUR LA CONFLUENCE D'AU MOINS DEUX SUBSTANCES FLUIDES

Publication

EP 0755300 B1 19980624 (DE)

Application

EP 95915747 A 19950407

Priority

- DE 9500462 W 19950407
- DE 4412261 A 19940409
- DE 19507448 A 19950303

Abstract (en)

[origin: WO9527558A1] The invention concerns a method and device for combining at least two flow media. The device comprises a flow region (1) which is arranged at and/or is formed with the opening of a first chamber (2) and which is formed so as to receive the flow medium passing out of the first chamber and convey it to the outlet (3) of the flow region (1) which is preferably followed by a mixing region. A second chamber (9), which can be filled with a second flow medium, is connected to the flow region and/or the first chamber by at least one first opening element (by-pass opening) (11) for diverting some of the first flow medium from the first chamber into the second. The second chamber is provided with at least one second opening element (second opening) (12) for discharging the second flow medium, forced thereto by the first flow medium, and which opens out into the flow region (1) or is located in the vicinity thereof. A plurality of first chambers (2) or second chambers(9) can be provided.

IPC 1-7

B01F 5/04

IPC 8 full level

B01F 5/04 (2006.01)

CPC (source: EP KR US)

B01F 25/30 (2022.01 - KR); **B01F 25/316** (2022.01 - EP US)

Cited by

EP2975487A1; DE102009014152A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL PT SE

DOCDB simple family (publication)

WO 9527558 A1 19951019; AT E167639 T1 19980715; CA 2187549 A1 19951019; CA 2187549 C 20051011; CN 1050068 C 20000308; CN 1147212 A 19970409; CZ 294303 B6 20041110; CZ 295196 A3 19970312; DE 19507448 A1 19960905; DE 4412261 A1 19951026; DE 4412261 C2 19961017; DE 59502653 D1 19980730; DK 0755300 T3 19990406; EP 0755300 A1 19970129; EP 0755300 B1 19980624; ES 2118591 T3 19980916; HU 219006 B 20010129; HU 9602761 D0 19961230; HU T76023 A 19970630; JP 3625829 B2 20050302; JP H09511442 A 19971118; KR 100297273 B1 20010903; KR 970702098 A 19970513; MX 9604677 A 19971129; PL 176626 B1 19990730; PL 316729 A1 19970203; SK 128196 A3 19970409; SK 280921 B6 20000912; US 6079871 A 20000627

DOCDB simple family (application)

DE 9500462 W 19950407; AT 95915747 T 19950407; CA 2187549 A 19950407; CN 95192852 A 19950407; CZ 295196 A 19950407; DE 19507448 A 19950303; DE 4412261 A 19940409; DE 59502653 T 19950407; DK 95915747 T 19950407; EP 95915747 A 19950407; ES 95915747 T 19950407; HU 9602761 A 19950407; JP 52601495 A 19950407; KR 19960705624 A 19961008; MX 9604677 A 19950407; PL 31672995 A 19950407; SK 128196 A 19950407; US 72226796 A 19961205