

Title (en)  
Mixer tube for low viscosity fluids

Title (de)  
Mischrohr für niedrigviskose Fluide

Title (fr)  
Tuyau mélangeur pour fluides à faible viscosité

Publication  
**EP 0800857 B1 20030730 (DE)**

Application  
**EP 96810224 A 19960412**

Priority  
EP 96810224 A 19960412

Abstract (en)  
[origin: EP0800857A1] The static mixing tube (1) is suitable for low viscosity fluids, especially containing suspended solids, and has plates (2) in individual locations of the tube, each partly covering the cross section. Through the plates, open narrow passages (3) each include a gap region (31) running from wall to wall through the tube axis (c), or running from wall to wall through the tube axis to a second partial region (32). The gap encloses an angle of 20-60 degrees , preferably 35-45 degrees with the tube axis. There is also a mixing length (4).

IPC 1-7  
**B01F 5/06**

IPC 8 full level  
**B01F 3/12** (2006.01); **B01F 5/00** (2006.01); **B01F 5/06** (2006.01)

CPC (source: EP KR US)  
**B01F 25/43161** (2022.01 - EP US); **B01F 27/00** (2022.01 - KR)

Cited by  
DE19748383C2; CN111655360A; US7199242B2; EP0918146A1; EP3479893A1; WO2019086693A1; US11752473B2

Designated contracting state (EPC)  
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