

Title (en)  
DEVICE FOR MIXING MATERIALS

Title (de)  
VORRICHTUNG ZUM MISCHEN VON STOFFEN

Title (fr)  
DISPOSITIF MELANGEUR DE MATIERES

Publication  
**EP 1282465 B1 20031210 (DE)**

Application  
**EP 01947146 A 20010511**

Priority  
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• DE 10023694 A 20000516

Abstract (en)  
[origin: US6854878B2] A mixing apparatus having a mixer unit (7) which includes a cup-shaped stator (24, 33) and a rotor (17) located in the mixing chamber (18). Two inputs (6, 8) and an output (13) are provided. The mixing chamber (18) is divided into a plurality of mixing regions by a separating disc (20). Inner blades (21) and outer blades (22) are provided. An edge rail (37) is positioned in the plane of the separating disc (20), between the inner (21) and outer (22) blades. The stator (24, 33) has a different configuration in the various mixing areas of the mixing chamber (18). As a result, different yield and mixing ratios can be obtained in the mixing areas of the mixing chamber (18).

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**B01F 7/00**

IPC 8 full level  
**B01F 25/64** (2022.01)

CPC (source: EP US)  
**B01F 23/53** (2022.01 - EP US); **B01F 23/56** (2022.01 - EP); **B01F 25/53** (2022.01 - EP US); **B01F 25/642** (2022.01 - EP US); **B01F 27/812** (2022.01 - EP US); **B01F 23/56** (2022.01 - US); **B01F 2025/91913** (2022.01 - EP US)

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**WO 0187474 A2 20011122; WO 0187474 A3 20020404**; AT E255952 T1 20031215; CA 2406040 A1 20011122; CA 2406040 C 20060711; DE 10023694 A1 20011129; DE 10023694 C2 20020404; DE 50101144 D1 20040122; EP 1282465 A2 20030212; EP 1282465 B1 20031210; US 2003107948 A1 20030612; US 6854878 B2 20050215

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