

Title (en)  
STATIC MIXING ELEMENT

Title (de)  
STATISCHES MISCHELEMENT

Title (fr)  
ELEMENT DE MELANGE STATIQUE

Publication  
**EP 1278593 B1 20050323 (DE)**

Application  
**EP 01940350 A 20010420**

Priority  
• DE 10019759 A 20000420  
• EP 0104516 W 20010420

Abstract (en)  
[origin: WO0180985A1] The invention relates to a static mixing element for homogenizing media. Said element comprises a housing and a deflection surface positioned at an angle of between 70 and 110 DEG in relation to the direction of flow.

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

IPC 8 full level  
**B01F 5/06** (2006.01); **B01F 13/10** (2006.01)

CPC (source: EP US)  
**B01F 25/433** (2022.01 - EP US); **B01F 25/4334** (2022.01 - EP US); **B01F 25/45** (2022.01 - EP US); **B01F 25/4521** (2022.01 - EP US);  
**B01F 33/834** (2022.01 - EP); **B01F 33/81** (2022.01 - EP US); **B01F 33/834** (2022.01 - US)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 0180985 A1 20011101**; AT E291486 T1 20050415; AU 2001273957 B2 20050324; AU 7395701 A 20011107; DE 10019759 A1 20011031;  
DE 10019759 C2 20030430; DE 50105692 D1 20050428; EP 1278593 A1 20030129; EP 1278593 B1 20050323; US 2004100864 A1 20040527;  
US 2007211570 A1 20070913; US 7878705 B2 20110201

DOCDB simple family (application)  
**EP 0104516 W 20010420**; AT 01940350 T 20010420; AU 2001273957 A 20010420; AU 7395701 A 20010420; DE 10019759 A 20000420;  
DE 50105692 T 20010420; EP 01940350 A 20010420; US 25783003 A 20030213; US 74831307 A 20070514