

Title (en)  
Static mixer

Title (de)  
Statikmischer

Title (fr)  
Mélangeur statique

Publication  
**EP 1857172 B1 20090916 (DE)**

Application  
**EP 07106488 A 20070419**

Priority  
• EP 06113920 A 20060515  
• EP 07106488 A 20070419

Abstract (en)  
[origin: EP1857172A1] A static mixer comprises a housing (1) including an inlet opening having a first cross-section in a plane normal to a main direction of flow in the inlet opening and an outlet opening having a second cross-section in a plane normal to the main direction of flow in the outlet opening and larger than the first cross-section; and a mixing element (12) having flow-dividing layers (3, 4) and defining a cross-sectional development increasing substantially continuously from the first cross-section to the second cross-section.

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

CPC (source: EP)  
**B01F 25/4322** (2022.01)

Cited by  
DE102008028616A1; DE102011089850A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1857172 A1 20071121; EP 1857172 B1 20090916**

DOCDB simple family (application)  
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