

Title (en)  
Impeller mixers.

Title (de)  
Flügelradmischer.

Title (fr)  
Mélangeur de agitateur à hélice.

Publication  
**EP 0306280 A1 19890308 (EN)**

Application  
**EP 88308040 A 19880831**

Priority  
ZA 876513 A 19870901

Abstract (en)  
A mixer including a mixing tank (10) within which an axial flow impeller (12) is spaced above the base of the tank (10). The tank includes peripheral vertical baffles (11) against the tank wall above the impeller (12) and, below the impeller (12), a plurality of radial diffusion vanes (14) radiating from a mounting boss (15) located below the centre of the impeller (12).

IPC 1-7  
**B01F 7/22; B01F 15/00**

IPC 8 full level  
**B01F 7/16** (2006.01)

CPC (source: EP)  
**B01F 27/86** (2022.01)

Citation (search report)  
• [X] EP 0137398 A2 19850417 - DU PONT [US]  
• [A] DE 1757113 B1 19711021 - STAAF GUSTAV ADOLF  
• [A] PATENT ABSTRACTS OF JAPAN

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0306280 A1 19890308; AU 2167688 A 19890302**

DOCDB simple family (application)  
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