

Title (en)  
Totally self-cleaning mixer.

Title (de)  
Vollständig selbstreinigender Mischer.

Title (fr)  
Mélangeur complètement autonettoyant.

Publication  
**EP 0638354 A1 19950215 (DE)**

Application  
**EP 94111761 A 19940728**

Priority  
DE 4326807 A 19930810

Abstract (en)  
The invention relates to a multiaxial mixer/reactor having a large free usable volume which is dynamically self-cleaning, comprising two or more parallel contrarotating axles (1, 11) on which are mounted transport paddles (2, 12), offset in a screw-like manner, which transport paddles are connected together by axially extended kneading bars (3, 13) and also comprising a surrounding housing (4) and an inlet (5) and an outlet (6) for the material to be mixed. <IMAGE>

Abstract (de)  
Die Erfindung betrifft einen mehrachsigen Mischer/Reaktor mit großem freien nutzbaren Volumen, der sich kinematisch selbst reinigt, bestehend aus zwei oder mehr parallelen gegensinnig rotierenden Achsen (1, 11), auf denen schraubenförmig versetzt, Förderschaukeln (2, 12) angebracht sind, die durch axial ausgedehnte Knetbarren (3, 13) miteinander verbunden sind und einem umschließenden Gehäuse (4) sowie einem Einlaß (5) und einem Auslaß (6) für das Mischgut. <IMAGE>

IPC 1-7  
**B01F 7/04**

IPC 8 full level  
**B29B 7/48** (2006.01); **B01F 7/04** (2006.01); **B01F 15/00** (2006.01); **C08G 63/78** (2006.01); **C08G 85/00** (2006.01)

CPC (source: EP US)  
**B01F 27/702** (2022.01 - EP US)

Citation (search report)

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- [A] WO 8804198 A1 19880616 - NIENHAUS HEINZ [DE]
- [A] EP 0460466 A1 19911211 - BAYER AG [DE]
- [A] DATABASE WPI Week 8648, Derwent World Patents Index; AN 86-316057
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