

Title (en)  
BICONICAL ROTATING MIXER

Publication  
**EP 0038058 A3 19820811 (DE)**

Application  
**EP 81102804 A 19810411**

Priority  
DE 3014162 A 19800412

Abstract (en)  
[origin: EP0038058A2] 1. Double-cone rotary mixer containing a) a mixing vessel composed of two vessel parts (14, 14') which are open on one side and are conically tapered and have on their open sides contact surfaces (18) through which the two vessel parts can be connected to each other by means of releasable clamping devices (8, 8'), b) a rotary shaft (3) which supports the mixing vessel, runs at right angles to the axis of the mixing vessel and is mounted horizontally as a rotary drive for the mixing vessel, characterised by the following features : c) the rotary shaft (3) supports a ring (6) which is provided with the clamping devices (8, 8') and the two vessel parts which are constructed as half-vessels (14, 14') come to rest with their contact surfaces (18) on the end surfaces (7, 7') of the said ring (6), the two half-vessels (14, 14') being capable of being connected individually by means of the clamping devices (8, 8') to the said ring (6), d) the ring (6) is provided with a closure plate (10) which can be tilted between a closed position (Figure 4) in which it fills the internal cross-section of the ring and an open position (Figure 5) in which the communication between the interiors of the two half-vessels (14, 14') is freed.

IPC 1-7  
**B01F 9/00**

IPC 8 full level  
**B01F 9/00** (2006.01)

CPC (source: EP)  
**B01F 29/32** (2022.01)

Citation (search report)  
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DE FR GB IT

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