

Title (en)

Static mixing device, discharging device and storage container provided with a static mixing device of this type, use of a static mixing device of this type as well as method of discharging

Title (de)

Statische Mischvorrichtung, Austragvorrichtung und Vorratsbehälter mit einer solchen Mischvorrichtung. Verwendung einer solchen Mischvorrichtung sowie Verfahren zum Austragen

Title (fr)

Mélangeur statique, dispositif de décharge et récipient de stockage comprenant un tel mélangeur statique, utilisation d'un tel mélangeur statique ainsi que procédé pour décharger

Publication

EP 1533021 B1 20071219 (DE)

Application

EP 03026474 A 20031120

Priority

EP 03026474 A 20031120

Abstract (en)

[origin: EP1533021A1] A static mixer (1), especially for the discharge of viscous fluids, has an initial mixing stage (A) with a number of parallel channels at the leading side on the main flow line (H). The channels are not interlinked, but have flow openings in the main flow direction. At least one additional mixing stage (B) is in contact with the first, and with a similar channel structure. The static mixer (1), especially for the discharge of viscous fluids, has an initial mixing stage (A) with a number of parallel channels at the leading side on the main flow line (H). The channels are not interlinked, but have flow openings in the main flow direction. At least one additional mixing stage (B) is in contact with the first, and with a similar channel structure. The mixing stages are formed by plates stacked together. Openings in the channel side walls allow a medium flow into the main flow direction. A number of parallel and separate channels are at the rear side. The mixer has a connector (11), an entry piece (8) and an end piece (9).

IPC 8 full level

B01F 5/06 (2006.01); **B01F 13/00** (2006.01); **B05C 17/005** (2006.01); **B65D 81/32** (2006.01)

CPC (source: EP US)

B01F 25/422 (2022.01 - EP US); **B01F 33/5011** (2022.01 - EP US); **B01F 2101/2305** (2022.01 - EP US)

Cited by

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)

LT LV

DOCDB simple family (publication)

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