

Title (en)

Stirring organ and stirring assembly for mixing and/or homogenisation of flowable media

Title (de)

Rührorgan und Rührwerk zum Mischen und/oder Homogenisieren strömungsfähiger Medien

Title (fr)

Organe d'agitation et agitateur destinés à mélanger et/ou homogénéiser des milieux pouvant s'écouler

Publication

EP 2080550 A3 20090902 (DE)

Application

EP 09000221 A 20090109

Priority

DE 102008005017 A 20080117

Abstract (en)

[origin: EP2080550A2] The mixing element of a mixer for mixing and/or homogenizing flowable media has a conical section (1) which is enclosed at least partially by a tubular body (2), the inside wall surface of which is at a distance from the outside wall surface of the conical section so that an annular gap (3) is formed between the tubular body and the conical section and effects a reduction of the flow velocity of a medium flowing through. The tubular body is essentially cylindrical, and the tubular body and conical section are coaxially arranged. An independent claim is included for a mixer for mixing and/or homogenizing flowable media, which has at least two mixing elements, each connected via a support arm (4) to a shaft in a rotation-resistant manner.

IPC 8 full level

B01F 27/96 (2022.01)

CPC (source: EP)

B01F 27/0726 (2022.01); **B01F 27/15** (2022.01)

Citation (search report)

- [DXAY] DE 20116967 U1 20020103 - TURBO MISCH UND RUEHRANLAGEN G [DE]
- [YA] SU 1681930 A1 19911007 - MO I KHIM MASH [SU]
- [DYA] DE 3901894 A1 19890817 - WYSS KURT WALTER [CH]
- [YA] DE 102005003528 A1 20060727 - WP ARO GMBH [DE]
- [YA] DE 20019941 U1 20010222 - INOTEC GMBH [DE]
- [A] US 4155959 A 19790522 - BLUM ALBERT [DE]
- [A] DE 1275512 B 19680822 - WILLI WALBERSDORF SONDERMASCHB

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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