

Title (en)
MULTI-LEVEL STIRRING ELEMENT

Title (de)
MEHREBIGES RÜHRORGAN

Title (fr)
ORGANE D'AGITATION MULTIPLE

Publication
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Application
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Priority
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Abstract (en)
[origin: RU2770580C2] FIELD: mixing.SUBSTANCE: invention relates to a kneading organ of a kneading machine for mixing and/or homogenizing fluids. The kneading machine for mixing and/or homogenizing fluids with a driven kneading shaft and at least one kneading organ (1) is described, wherein each kneading organ (1) is motionlessly connected in the direction of rotation to the kneading shaft, wherein kneading organ (1) is equipped with at least two kneading bodies (2) having fluid inlet and outlet, wherein at least two kneading bodies are motionlessly connected to the shaft using single bearing lever (3), inlet (5) is larger than outlet (6), wherein kneading bodies (2) belonging to kneading organ (1) are located on different planes perpendicular along the normal to the kneading shaft, which in the axial direction respectively have a certain distance from each other, wherein, during operation, the longitudinal axis of bearing lever (3) is oriented essentially perpendicular to the longitudinal axis of the kneading shaft, wherein kneading bodies (2) have a conical shape.EFFECT: invention provides a kneading machine that can be operated at a higher rotational speed.6 cl, 2 dwg

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