

Title (en)
DEVICE FOR MIXING A FLOWABLE OR POURABLE MEDIUM, ESPECIALLY A HIGHLY VISCOUS MEDIUM

Title (de)
VORRICHTUNG ZUM RÜHREN EINES STRÖMUNGSFÄHIGEN ODER RIESELFÄHIGEN MEDIUMS, INSBESONDERE EINES HOCHVISKOSEN MEDIUMS

Title (fr)
DISPOSITIF PERMETTANT D'AGITER UN AGENT APTE A L'ÉCOULEMENT OU COULABLE, NOTAMMENT UN AGENT A HAUTE VISCOSITÉ

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Application
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Priority
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Abstract (en)
[origin: US6921194B2] A device for mixing a flowable or pourable medium has a container for receiving the medium and a rotatable shaft having radially projecting support arms and rotatable in a direction of rotation. Mixing elements are connected to the radially projecting support arms. The mixing elements are tubular and formed as coil-shaped spirals conically shaped at least across a partial length of the coil-shaped spirals. The coil-shaped spirals have a first end face and a second end face. The first end face points in the direction of rotation and has a cross-section greater than the cross-section of the second end face. The coil-shaped spirals have a central axis having a slant angle relative to a plane of rotation of the two mixing elements. The support arms and the coil-shaped spirals connected to the support arms, respectively, are formed of a single wire as a monolithic part, respectively.

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