

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 VISCOSITE

Publication  
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Application  
**EP 01997344 A 20011115**

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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IPC 8 full level  
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