

Title (en)
STIRRING MEMBER FOR STIRRING ABRASIVE MEDIA

Title (de)
RÜHRORGAN ZUM RÜHREN ABRASIVER MEDIEN

Title (fr)
ORGANE D'AGITATION POUR AGITER DES MILIEUX ABRASIFS

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Application
EP 08749269 A 20080430

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Abstract (en)
[origin: CA2686331A1] Disclosed is a stirring member (1; 1a-1h), particularly for abrasive media, comprising a support disk (2; 2a-2h) to which stirring member blades (3; 3a-3h) are connected substantially perpendicular to the support disk (2; 2a-2h), said blades (3; 3a-3h) being arranged substantially in a radial direction. The support disk (2; 2a-2h) is also provided with a hub that receives a stirring shaft which is preferably motor-driven in a suitable manner. The trailing faces of the blades (3; 3a-3h) of the stirring member (1; 1a-1h) and/or the area of the blade connections to the support disk (2; 2a-2h) is/are designed to largely prevent vortex shedding. For this purpose, preferred geometrical measures for the stirring member blades (3; 3a-3h), the support disk (2; 2a-2h), and the connection of the blades (3; 3a-3h) to the support disk (2; 2a-2h) are disclosed and described.

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