

Title (en)
Stirring helix

Title (de)
Rührpropeller

Title (fr)
Helice d'agitation

Publication
EP 2926892 A1 20151007 (FR)

Application
EP 14305498 A 20140404

Priority
EP 14305498 A 20140404

Abstract (en)
[origin: WO2015150353A1] Stirrer (M) that comprises at least two blades and is able to be fixed to a rotary shaft, characterized in that each blade has a leading edge facing the fluid to be stirred and a trailing edge facing away from the leading edge, characterized in that each blade is obtained by bending a flat metal sheet, each blade having two longitudinal bends, the length of each bend being greater than 60% of the maximum radius of the blade.

Abstract (fr)
Mobile d'agitation comprenant au moins deux pales et apte à être fixé sur un arbre de rotation, caractérisé en ce que chaque pale comporte un bord d'attaque faisant face au fluide à agiter et un bord de fuite opposé au bord d'attaque, caractérisé en ce que chaque pale est obtenue par pliage d'une tôle plane, chaque pale comportant deux plis longitudinaux (A, B), la longueur de chaque plis (A, B) étant supérieure à 60 % du rayon maximal de la pale.

IPC 8 full level
B01F 27/91 (2022.01)

CPC (source: CN EP US)
B01F 27/113 (2022.01 - US); **B01F 27/1134** (2022.01 - CN EP US); **B01F 27/91** (2022.01 - US); **B01F 2215/0422** (2013.01 - CN EP US)

Citation (applicant)
• US 4147437 A 19790403 - JONQUERES PIERRE
• FR 1578991 A 19690822

Citation (search report)
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• [X] US 2010124147 A1 20100520 - JANZ ERIC EDWARD ANTONIO [US], et al
• [X] US 2005243646 A1 20051103 - EISENKRAETZER DETLEF [DE], et al
• [X] EP 0771586 A1 19970507 - SHINKO PANTEC KABUSHIKA KAISHA [JP]
• [X] WO 2010103172 A1 20100916 - OUTOTEC OYJ [FI], et al
• [X] FR 1600744 A 19700727

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Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2926892 A1 20151007; EP 2926892 B1 20210113; CN 106457175 A 20170222; ES 2860465 T3 20211005; SG 11201608304T A 20161129; US 10105663 B2 20181023; US 2017113196 A1 20170427; WO 2015150353 A1 20151008

DOCDB simple family (application)
EP 14305498 A 20140404; CN 201580021902 A 20150331; EP 2015056951 W 20150331; ES 14305498 T 20140404; SG 11201608304T A 20150331; US 201515301559 A 20150331