

Title (en)
MIXING DEVICE USING BLADES

Title (de)
MISCHER MIT RÜHRELEMENTEN

Title (fr)
DISPOSITIF MELANGEUR A PALES

Publication
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Application
EP 94932180 A 19941103

Priority
NO 9400174 W 19941103

Abstract (en)
[origin: CA2180136A1] Blade for a mixing device, especially for the mixing of different particles or different liquids, for the arrangement on substantially horizontal rotors, where each blade comprises a first surface with a curvature facing the direction of the motion for the particles and in the radial direction the blades shape has straight lines arranged perpendicularly to the rotor axis, where the curved blade comprises a first portion (3) facing in the direction of motion of the masses, a second, substantially smaller portion (4) facing opposite the direction of motion, and a portion lying in between and connecting the two aforementioned portions, extending substantially parallel with the rotor axis, in such a way that the substantial portion of the masses are thrown forwards, whereas a smaller portion is thrown radially outwards and respectively backwards, the particles thereby being mixed with particles being thrown forwards from the following blade.

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B01F 27/1123 (2022.01 - EP US); **B01F 27/706** (2022.01 - EP US); **B01F 27/1125** (2022.01 - EP)

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CA 2180136 A1 19960517; **CA 2180136 C 20060829**; AT E188886 T1 20000215; AU 1285095 A 19960531; AU 680331 B2 19970724; BR 9408468 A 19970916; CZ 226896 A3 19970312; CZ 292426 B6 20030917; DE 69422732 D1 20000224; DE 69422732 T2 20000706; DK 0738182 T3 20000501; EP 0738182 A1 19961023; EP 0738182 B1 20000119; ES 2142415 T3 20000416; GR 3032385 T3 20000427; HU 221158 B1 20020828; HU 9602102 D0 19961128; HU T76177 A 19970728; JP H09510661 A 19971028; NO 177415 B 19950606; NO 177415 C 19950913; NO 931642 D0 19930505; NO 931642 L 19941107; PL 176493 B1 19990630; PT 738182 E 20000630; RU 2121394 C1 19981110; UA 29496 C2 20001115; WO 9614142 A1 19960517

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