

Title (en)
Mixer

Title (de)
Mischer

Title (fr)
Mélangeur

Publication
EP 1022053 A1 20000726 (EN)

Application
EP 00300399 A 20000120

Priority
GB 9901105 A 19990120

Abstract (en)
A mixer (1) e.g. for use in the food or chemical industry comprises a vessel (2) having a base portion (3) and an upper portion (4) whose interiors have rotational symmetry about an axis (S), and blades (6) carried by arms (7) which are rotatable about an axis (R) so that an edge (9) of each blade (6) sweeps across the interior surface of at least the base portion (3) of the vessel (2). The base portion (3) of the vessel (2) is hemispherical, the axis of rotation (R) of said arms (7) is obliquely inclined to the axis of symmetry (S) of said vessel (3), and the blades (6) are carried by three arms (7) and are spaced apart along each arm (7) and staggered as between one arm and the next thereby to allow sweeping of substantially the full extent of the interior surface of the base portion (3) of the mixing vessel (2). <IMAGE>

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B01F 15/00; **B01F 7/02**

IPC 8 full level
B01F 7/00 (2006.01); **B01F 15/00** (2006.01); **B01F 7/02** (2006.01)

CPC (source: EP)
B01F 27/091 (2022.01); **B01F 27/23** (2022.01); **B01F 27/82** (2022.01); **B01F 27/61** (2022.01)

Citation (search report)
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EP 1022054 A1 20000726; **EP 1022054 B1 20030917**; AT E249878 T1 20031015; AT E250973 T1 20031015; DE 60005228 D1 20031023; DE 60005572 D1 20031106; EP 1022053 A1 20000726; EP 1022053 B1 20031001; GB 9901105 D0 19990310

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