

Title (en)
DEVICE FOR HOMOGENIZING A FLUID MIXTURE

Publication
EP 0301151 B1 19910904 (DE)

Application
EP 87810436 A 19870731

Priority
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Abstract (en)
[origin: EP0301151A1] The device has an external comminuting element ring (1) constructed as a stator, in the form of a cylinder, on the outer surface (3) of which slots (5) aligned approximately perpendicularly with respect to the central axis (M) are arranged, whilst the inner comminuting element (2) constructed as a rotor has two vanes (18) whose end faces are constructed as knife blades. In order to increase the performance of the device without requiring a relatively large rotor speed, an outer ring (5) with slots (6) is attached around the stator (1) by means of screws in such a way that it can be moved up and down and possibly also in a rotating manner, by which means principally the width of the slots can be adjusted or narrowed. As a result, a higher output speed of the liquid and thus a higher degree of efficiency is obtained with the same rotor performance.
<IMAGE>

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B02C 18/06; B02C 18/16

IPC 8 full level
B01F 7/00 (2006.01); **B01F 15/00** (2006.01); **B02C 18/06** (2006.01); **B02C 18/16** (2006.01)

CPC (source: EP)
B01F 27/171 (2022.01); **B02C 18/062** (2013.01); **B02C 18/16** (2013.01)

Cited by
CN107998949A; CN114622466A

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EP 0301151 A1 19890201; EP 0301151 B1 19910904; AT E66833 T1 19910915; DE 3772767 D1 19911010; ES 2025697 T3 19920401

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