

Title (en)  
Screw mixer.

Title (de)  
Schraubenmischer.

Title (fr)  
Mélangeuse à vis.

Publication  
**EP 0474538 B1 19941214 (FR)**

Application  
**EP 91402306 A 19910823**

Priority  
FR 9010717 A 19900828

Abstract (en)  
[origin: EP0474538A1] The mixer according to the invention includes a casing comprising a cylindrical wall part (1) and a screw comprising a helical driving wall (2) attached to a shaft (3) fitted so as to rotate coaxially with the cylindrical wall part of the casing; it also includes knives (4) fitted on the supporting blades (5) attached to a downstream face of the helical driving wall with reference to a direction of travel of the driven substance, the supporting blades (5) being at a distance from the driving wall of the screw. The mixer preferably also includes counterblades (9) perpendicular to the shaft (3) and carrying knives (10). <IMAGE>

IPC 1-7  
**B01F 15/00**; **B02C 19/22**

IPC 8 full level  
**B01F 7/00** (2006.01); **B01F 7/04** (2006.01); **B01F 15/00** (2006.01); **B02C 19/22** (2006.01)

CPC (source: EP)  
**B01F 27/1143** (2022.01); **B01F 27/707** (2022.01); **B02C 19/22** (2013.01)

Cited by  
EP0724940A3; US5732892A; KR100754425B1; US5433577A; EP2177674A3; US8146848B2; US8191811B2; US8342436B2; KR101049350B1

Designated contracting state (EPC)  
BE DE ES GB IT NL

DOCDB simple family (publication)  
**EP 0474538 A1 19920311**; **EP 0474538 B1 19941214**; DE 69105879 D1 19950126; DE 69105879 T2 19950727; FR 2666247 A1 19920306; FR 2666247 B1 19921127

DOCDB simple family (application)  
**EP 91402306 A 19910823**; DE 69105879 T 19910823; FR 9010717 A 19900828