

Title (en)
Mixing apparatus

Title (de)
Mischvorrichtung

Title (fr)
Dispositif de mélange

Publication
EP 0888811 A2 19990107 (EN)

Application
EP 98305267 A 19980702

Priority
GB 9713967 A 19970703

Abstract (en)
Mixing apparatus comprises a container (2) and a mixing mechanism (8) mounted within the container (2), the mechanism (8) including a driven shaft (10) and a mixing disc (22) mounted on said shaft (10) to be movable axially relative to the shaft (10) and so arranged that, on initial rotation of the shaft (10) in one direction, the disc (22) moves from a predetermined upper position on the shaft (10) to a predetermined lower position on the shaft (10) where it remains on continued rotation of the shaft (10) in said one direction, and, on initial rotation of the shaft (10) in the opposite direction, the disc (22) moves from said predetermined lower position on the shaft (10) to said predetermined upper position on the shaft (10) where it remains on continued rotation of the shaft (10) in said opposite direction. Preferably the disc (22) is bladed, co-operating helical means (20,28) reacting between the shaft (10) and the disc (22) to control the axial movement of the disc (22) along the shaft (10). <IMAGE>

IPC 1-7
B01F 7/16; **B01F 15/00**

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

CPC (source: EP)
B01F 27/071 (2022.01); **B01F 27/073** (2022.01); **B01F 27/1153** (2022.01); **B01F 27/806** (2022.01)

Cited by
WO2009083141A1; CN109248615A; CN109966978A; EP1264630A3; CN112095157A; CN109225011A; CN112844124A; US8807821B2

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB IE IT LI NL PT SE

DOCDB simple family (publication)
EP 0888811 A2 19990107; **EP 0888811 A3 20001115**; GB 9713967 D0 19970910

DOCDB simple family (application)
EP 98305267 A 19980702; GB 9713967 A 19970703