

Title (en)
LOW SPEED PRECISION STIRRING/MIXING DEVICE

Title (de)
LANGSAMER PRÄZISIONSMISCHER

Title (fr)
DISPOSITIF DE TOUILLAGE/MELANGE PRECIS A FAIBLE VITESSE

Publication
EP 1432505 A1 20040630 (EN)

Application
EP 02764426 A 20020925

Priority

- CA 0201452 W 20020925
- CA 2358575 A 20010926
- CA 2376815 A 20020315
- US 10013402 A 20020319

Abstract (en)
[origin: WO03026784A1] A mixing device for low speed precision mixing of contents of a vessel has a support member adapted to be rotatably supported in spaced relationship from a bottom portion of the vessel and separated therefrom by a gap, and a brush assembly depending from the support member for sliding engagement with the bottom portion of the vessel. Low speed rotation of the support member within the vessel causes the brush assembly to sweep the bottom portion of the vessel while mixing the contents of the vessel. The brush assembly can be made of a resilient coil or a plurality of filamentary or lamellar elements, affixed to the support member. This device provides controlled and repeatable mixing and is well suited for use in drug dissolution measurement apparatuses used for assessing drug release characteristics of solid oral pharmaceutical products.

IPC 1-7
B01F 15/00

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

CPC (source: EP)
B01F 27/051 (2022.01); **B01F 27/053** (2022.01); **B01F 27/071** (2022.01); **B01F 27/091** (2022.01); **B01F 27/118** (2022.01); **B01F 2101/22** (2022.01); **B01F 2101/23** (2022.01)

Citation (search report)
See references of WO 03026784A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03026784 A1 20030403; EP 1432505 A1 20040630

DOCDB simple family (application)
CA 0201452 W 20020925; EP 02764426 A 20020925