

Title (en)

Improved stirring device for collecting the main pigments used for making paints

Title (de)

Rührvorrichtung zum Sammeln von zur Herstellung von Lacken verwendeten Hauptpigmenten

Title (fr)

Appareil d'agitation pour collecter des pigments principales utilisés pour la fabrication de peintures

Publication

**EP 0822000 A1 19980204 (EN)**

Application

**EP 97830303 A 19970627**

Priority

IT MI961698 A 19960802

Abstract (en)

A stirring device (1) comprises a holding casing and an inner stirring element. The inner stirring element comprises an impeller (11) provided with recesses for housing magnetic bodies (12). On the outer surface of a portion of the device (1) is housed a gear wheel (13) in turn provided with recesses for housing magnets (14). As the device (1) operates, the impeller (11) is magnetically coupled to the gear wheel (13), the rotary movement of which will drive the stirring element. The device provides the advantage that it is not necessary to provide sealing elements on the body of the vessel, in particular at the driving means for driving said stirring element. <IMAGE>

IPC 1-7

**B01F 13/08**

IPC 8 full level

**B01F 13/08** (2006.01)

CPC (source: EP)

**B01F 33/453** (2022.01); **B01F 33/4531** (2022.01)

Citation (search report)

- [A] US 3110481 A 19631112 - GILBERT KIVENSON
- [A] SOVIET PATENTS ABSTRACTS Week 8826, Derwent World Patents Index; AN 88-181670, XP002043723
- [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 515 (C - 655)<3863> 17 November 1989 (1989-11-17)

Cited by

NL1022668C2; EP3251857A1; CN117566273A; US8434930B2; US10183494B2; WO2008112395A1; WO2004073845A3

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