

Title (en)

DEVICE FOR TRANSPORTING POLYMER DISPERSIONS

Title (de)

VORRICHTUNG ZUM FÖRDERN VON POLYMERDISPERSIONEN

Title (fr)

DISPOSITIF PERMETTANT DE TRANSPORTER DES DISPERSIONS DE POLYMERES

Publication

**EP 1206643 B1 20040225 (DE)**

Application

**EP 00958503 A 20000825**

Priority

- DE 19940399 A 19990825
- EP 0008349 W 20000825

Abstract (en)

[origin: DE19940399A1] The invention relates to a device for transporting polymer dispersions. Said device can be driven by a drive system and is configured in the form of an impeller (28). Said impeller can be surrounded by a housing or project freely into the polymer dispersion contained in a reactor vessel. A number of blades (2) are arranged in the area of the hub (1) of the impeller (28) in such a way that the polymer dispersion flows evenly through the pump chambers (5, 25) on the front side (7) and the rear side (8) of the impeller (28).

IPC 1-7

**F04D 29/22**

IPC 8 full level

**F04D 29/22** (2006.01)

CPC (source: EP US)

**F04D 29/2233** (2013.01 - EP US)

Designated contracting state (EPC)

DE FI FR NL

DOCDB simple family (publication)

**DE 19940399 A1 20010301**; AR 053641 A1 20070516; AU 6999800 A 20010319; BR 0013477 A 20020430; BR 0013477 B1 20090113; DE 50005445 D1 20040401; EP 1206643 A1 20020522; EP 1206643 B1 20040225; MX PA02001578 A 20020702; US 2005276159 A1 20051215; WO 0114749 A1 20010301

DOCDB simple family (application)

**DE 19940399 A 19990825**; AR P000104385 A 20000824; AU 6999800 A 20000825; BR 0013477 A 20000825; DE 50005445 T 20000825; EP 0008349 W 20000825; EP 00958503 A 20000825; MX PA02001578 A 20000825; US 20506805 A 20050817