

Title (en)

PRESSURE MONITOR IN A MODULAR ADMINISTERING DEVICE

Title (de)

DRUCKÜBERWACHUNG IN EINEM MODULAREN VERABREICHUNGSGERÄT

Title (fr)

SURVEILLANCE DE LA PRESSION DANS UN APPAREIL D'ADMINISTRATION MODULAIRE

Publication

**EP 2296730 A1 20110323 (DE)**

Application

**EP 09749386 A 20090515**

Priority

- CH 2009000160 W 20090515
- CH 7752008 A 20080523

Abstract (en)

[origin: WO2009140782A1] The invention relates to an administering device for administering a fluid product through the use of pressure. Said device has a modular construction and comprises a base unit (100), which contains driving components (120-125), as well as a cartridge (200), which can be connected detachably therewith and has a fluid reservoir (231). The cartridge contains a pressure monitoring device (240), which has a pressure sensor as well as a transfer device, which is connected with the pressure sensor and can be activated by an externally applied, alternating electromagnetic field. In this way, relevant data can be read contactlessly from the fluid pressure from the transfer device. In a preferred embodiment, the pressure sensor contains a snap disk. Preferably, the transfer device is an RFID transponder. Accordingly, the basic unit comprises a pressure reading device, which is constructed for producing a corresponding alternating electromagnetic field and, depending on the response to the alternating field, for determining a fluid pressure-dependent property of the transfer device.

IPC 8 full level

**A61M 5/145** (2006.01)

CPC (source: EP US)

**A61M 5/14526** (2013.01 - EP US); **A61M 5/24** (2013.01 - EP US); **A61M 5/486** (2013.01 - EP US); **A61M 2005/2411** (2013.01 - EP US); **A61M 2205/3317** (2013.01 - EP US); **A61M 2205/332** (2013.01 - EP US); **A61M 2205/3331** (2013.01 - EP US); **A61M 2205/3569** (2013.01 - EP US); **A61M 2205/3592** (2013.01 - EP US)

Citation (search report)

See references of WO 2009140782A1

Citation (examination)

WO 2009024562 A1 20090226 - NOVO NORDISK AS [DK], et al

Cited by

CN110870929A; US11833333B2

Designated contracting state (EPC)

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