

Title (en)

Apparatus for conveying fluids

Title (de)

Vorrichtung zur Förderung von Flüssigkeiten

Title (fr)

Appareil pour le transport de fluides

Publication

EP 2314542 A1 20110427 (EN)

Application

EP 09174082 A 20091026

Priority

EP 09174082 A 20091026

Abstract (en)

The invention relates to an apparatus (1) for conveying a fluid from a replaceable fluid storage container to a fluid target container. The apparatus (1) comprises a fluid line flexible in at least partial sections along its length and extending from the storage container to the target container. The fluid line is associated with a fluid line adjustment system (skeleton system) comprising a fixed frame (2), a first member (4), a second member (6) and a third member (8), wherein the first member (4) is movably supported by the fixed frame (2), the second member (6) is movably supported by the first member (4) and the third member (8) is movably supported by the second member (6); and/or comprising a first radio frequency identification device (RFID) (16) capable of interacting with a second radio frequency identification device (RFID) (17) fixed to said replaceable fluid storage container.

IPC 8 full level

B67D 7/40 (2010.01); **B67D 7/84** (2010.01)

CPC (source: EP)

B67D 7/645 (2013.01); **B67D 7/84** (2013.01)

Citation (search report)

- [X] DE 8708333 U1 19870730
- [X] WO 0015542 A1 20000323 - KOPPENS AUTOMATIC FABRIEKEN BV [NL], et al
- [X] DE 8806268 U1 19880623
- [X] US 4651897 A 19870324 - JOHNSON JEFFREY B [US]

Cited by

US2018208453A1; US11131055B2; US11910982B2; US10913651B2; US11807974B2; WO2017050680A1; US10982373B2; USD892614S; USD903504S

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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