

Title (en)

CONNECTOR, CONNECTOR-ATTACHED MEDICINE CONTAINER, LIQUID MEDICINE FEEDING DEVICE

Title (de)

VERBINDER, AM VERBINDER BEFESTIGTER MEDIKAMENTENBEHÄLTER, FLÜSSIGARZNEIMITTELZUFÜHRVORRICHTUNG

Title (fr)

CONNECTEUR, RÉCIPIENT DE MÉDICAMENT FIXÉ À UN CONNECTEUR, DISPOSITIF D'ALIMENTATION EN MÉDICAMENT LIQUIDE

Publication

EP 3498251 A4 20200304 (EN)

Application

EP 17839548 A 20170809

Priority

- JP 2016156513 A 20160809
- JP 2017028978 W 20170809

Abstract (en)

[origin: EP3498251A1] A connector (20) includes an outer tube (210), an inner tube (220) held by the outer tube (210), a fluid channel having a hollow passage and accommodated in the outer tube (210), and a ratchet mechanism (240) that allows rotation of the inner tube (220) in one direction while restricting rotation of the inner tube (220) in the other direction. The inner tube (220) includes an insertion attachment portion which is provided on a proximal end side thereof and with which a distal end side of a drug container is screwed to be attached thereto by insertion. In an insertion attachment state in which the drug container is attached by insertion to the insertion attachment portion, the ratchet mechanism (240) restricts rotation of the inner tube (220) together with the drug container in a screwing direction and allows the inner tube (220) to rotate freely relative to the outer tube (210) together with the drug container in an unscrewing direction opposite to the screwing direction.

IPC 8 full level

A61J 1/20 (2006.01)

CPC (source: EP)

A61J 1/2089 (2013.01); **A61J 1/2096** (2013.01); **A61J 1/201** (2015.05); **A61J 1/2055** (2015.05); **A61J 1/2075** (2015.05); **A61J 1/2082** (2015.05)

Citation (search report)

- [XA] US 8864725 B2 20141021 - RANALLETTA JOSEPH V [US], et al
- [XA] WO 2011150037 A1 20111201 - J & J SOLUTIONS INC [US], et al
- See references of WO 2018030481A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3498251 A1 20190619; **EP 3498251 A4 20200304**; **EP 3498251 B1 20210407**; AU 2017308385 A1 20190321; AU 2017308385 B2 20211202; JP 7151481 B2 20221012; JP WO2018030481 A1 20190613; WO 2018030481 A1 20180215

DOCDB simple family (application)

EP 17839548 A 20170809; AU 2017308385 A 20170809; JP 2017028978 W 20170809; JP 2018533546 A 20170809