

Title (en)

STERILE CONNECTOR FOR CONTAINERS WHICH CONTAIN MEDICINAL LIQUIDS

Title (de)

STERILER KONNEKTOR FÜR MEDIZINISCHE FLÜSSIGKEITEN ENTHALTENDE BEHÄLTER

Title (fr)

CONNECTEUR STERILE POUR RECIPIENTS CONTENANT DES LIQUIDES A USAGE MEDICAL

Publication

EP 1096914 A1 20010509 (DE)

Application

EP 99932848 A 19990707

Priority

- DE 19831235 A 19980711
- EP 9904776 W 19990707

Abstract (en)

[origin: WO0002517A1] The invention relates to a sterile connector for containers which contain medicinal liquids. Said connector comprises a base body (2) with a lower part (3) which can be inserted in the container wall and which can be sealed opposite the container wall. The container also comprises an upper part (4) having an outlet for the liquid. A barrier module (15) is provided on the lower and/or upper side of the base body. The barrier module is an injection molded part having a core (15a) made of a material which is essentially impermeable to certain gases, and having a sheathing (15b) made of a material of which the base body is comprised. Together with the barrier module, the connector offers an improved gas-tightness and can be economically produced in large quantities.

IPC 1-7

A61J 1/05; **B65D 75/58**

IPC 8 full level

B65D 83/00 (2006.01); **A61J 1/05** (2006.01); **A61J 1/10** (2006.01); **A61J 1/14** (2006.01); **A61J 1/20** (2006.01); **B65D 47/36** (2006.01); **B65D 75/58** (2006.01)

CPC (source: EP US)

A61J 1/10 (2013.01 - EP US); **B65D 75/5883** (2013.01 - EP US); **B65D 2575/583** (2013.01 - EP US)

Cited by

US7703760B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0002517 A1 20000120; AR 019897 A1 20020320; AT E225639 T1 20021015; BR 9912022 A 20010403; CN 1303258 A 20010711; DE 19831235 C1 20000316; DE 59903034 D1 20021114; EP 1096914 A1 20010509; EP 1096914 B1 20021009; ES 2185370 T3 20030416; HK 1035315 A1 20011123; JP 2002520093 A 20020709; KR 100602485 B1 20060719; KR 20010043522 A 20010525; US 6364143 B1 20020402

DOCDB simple family (application)

EP 9904776 W 19990707; AR P990103297 A 19990707; AT 99932848 T 19990707; BR 9912022 A 19990707; CN 99806811 A 19990707; DE 19831235 A 19980711; DE 59903034 T 19990707; EP 99932848 A 19990707; ES 99932848 T 19990707; HK 01105846 A 20010820; JP 2000558781 A 19990707; KR 20007012618 A 20001110; US 70144700 A 20001127