

Title (en)

Coupling piece for an injection syringe.

Title (de)

Verbindungselement für Injektionsspritze.

Title (fr)

Pièce d'accouplement pour seringues à injection.

Publication

EP 0148116 A1 19850710 (FR)

Application

EP 84810571 A 19841123

Priority

CH 646983 A 19831202

Abstract (en)

A coupling piece comprising a joining piece (1) placed inside a threaded sleeve (2) is composed of two hollow joining pieces (3, 4) disposed coaxially, both integral with an intermediate flange (5), with an internal shape which complements that of the joining pieces (1) and of a length which is virtually equal to that of the joining pieces (1) of the said syringes. <IMAGE>

Abstract (fr)

Une pièce d'accouplement pour seringues à injection comportant un embout (1) placé à l'intérieur d'une douille filetée (2), se compose de deux embouts creux (3,4) disposés coaxialement, tous deux solidaires d'une bride intermédiaire (5), de forme intérieure complémentaire de celle des embouts (1) et de longueur pratiquement égale à celle des embouts (1) desdites seringues.

IPC 1-7

A61J 1/00

IPC 8 full level

A61J 1/00 (2006.01); **A61J 1/20** (2006.01); **B01F 5/06** (2006.01)

CPC (source: EP)

A61J 1/2096 (2013.01); **B01F 25/4512** (2022.01); **A61J 1/2044** (2015.05)

Citation (search report)

- [Y] FR 2446114 A1 19800808 - HYCO ET AULAS
- [Y] US 4172457 A 19791030 - CHOKSI PRADIP V [US], et al
- [A] SU 792092 A1 19801230 - MI G MED INST [SU]
- [A] FR 2279378 A1 19760220 - CHIBRET LABORATOIRES [FR]
- [Y] DE 1961790 A1 19710616 - SANDER BEUERMANN KARL HEINZ
- [Y] US 4237882 A 19801209 - WICKHAM RAY M [US]

Cited by

US7410803B2; US7482166B2; US5425580A; DE4432993C1; DE10151104B4; JPH06503976A; CN105307763A; EP0266058A3; EP0426634A3; DE102005027333B4; EP0292472A1; EP1322422A4; DE4002858A1; CN113546539A; US11097071B1; WO9608227A1; WO2008089550A1; WO9211928A1; WO2014205063A1; US10898659B1; DE102009041065A1; US11541180B1; US10207099B1; US10220122B2; US11213618B2; US166343B1; USD948713S; US11690994B1; US9757145B2; US10485573B2; US11697527B1; US10953162B1; US11523970B1; DE102008019222A1; US10300263B1; US11096708B2; US11426328B1; US11471610B1; US10271866B2; US10758684B1; US10888672B1; US8348867B2; US9707319B2; US10912898B1; US11040154B1; US11357588B1; US6821487B2; US10307548B1; US11872187B1; US10166347B1; US10315024B1; US11337725B2; US11779520B1; US11857751B1; US11911339B1; US6875204B1; US10548659B2; US10603066B2; US11413406B1; WO2010110932A1; US8167280B2; US10183129B1; US10531888B2; USD903865S; US10933202B1; US11040149B1; US11793987B1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0148116 A1 19850710; CH 665127 A5 19880429

DOCDB simple family (application)

EP 84810571 A 19841123; CH 646983 A 19831202