

Title (en)

Collection container for sterile liquids and method of joining olefinic polymers.

Title (de)

Sammelbehälter für sterile Flüssigkeiten und Verfahren zum Verbinden olefinischer Polymere.

Title (fr)

Réceptient pour recueillir des liquides stériles et procédé pour combiner des polymères oléfiniques.

Publication

EP 0034642 A1 19810902 (EN)

Application

EP 80100959 A 19800226

Priority

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Abstract (en)

A collection container (10) for sterile liquids, such as blood plasma, of a thermoplastic material having specially designed receptacles in the top for receiving the connecting tubes of a liquid transfer apparatus and for providing a permanent venting arrangement. The container comprises a bottle body (12) of clear polypropylene and a top portion (14) secured to the mouth of the body having pre-formed sleeves (34,36,40) depending from the interior side of the top. One of the sleeves (40) provides a venting aperture and locates a plug of venting material. The other sleeves (34,36) receive the connecting tubes or plungers (38) of the transfer apparatus. The top portion and mouth of the bottle are provided with mating protuberances to facilitate joining by sonic welding.

IPC 1-7

A61J 1/00; **A61M 1/00**; **A61M 5/00**; **B65B 51/22**; **B65D 17/00**; **B65D 81/00**; **B29C 27/08**

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A61J 1/00 (2006.01); **A61J 1/14** (2006.01)

CPC (source: EP)

A61J 1/1406 (2013.01); **A61J 1/1431** (2015.05); **A61J 1/1462** (2013.01); **A61J 1/1487** (2015.05); **A61J 1/1468** (2015.05)

Citation (search report)

- DE 2734846 A1 19780209 - ABBOTT LAB
- US 3973064 A 19760803 - PAINE ELLIS HOWARD
- US 4169751 A 19791002 - YEN EDWARD C [US]

Cited by

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Designated contracting state (EPC)

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