

Title (en)

Liquid bag connecting member

Title (de)

Verbindungselement für Flüssigkeitsbeutel

Title (fr)

Élément de connexion de poche de liquide

Publication

EP 2465684 A1 20120620 (EN)

Application

EP 11190263 A 20111123

Priority

JP 2010283441 A 20101220

Abstract (en)

A liquid bag connecting member (82) includes a support face (104) and a holding part (114,116). The support face (104) supports a bottom face of a liquid bag (86) to be filled with a liquid and is arranged so that an opening part (84) of the liquid bag (86) faces in a gravity direction. The holding part (114,116) is positioned lower than the support face (104) in the gravity direction and holds the opening part (84). The holding part (114,116) includes an opening (114) into which the opening part (84) is inserted. The liquid bag connecting member (82) is connected to the liquid bag (86) to have the liquid bag form into a funnel shape by using a difference of position between the support face (104) and the holding part (114,116) in the gravity direction.

IPC 8 full level

B41J 2/175 (2006.01)

CPC (source: EP US)

B41J 2/17509 (2013.01 - EP US); **B41J 2/17523** (2013.01 - EP US); **B41J 2002/17516** (2013.01 - EP US)

Citation (applicant)

- JP 2010000668 A 20100107 - SHARP KK
- JP 2004230796 A 20040819 - CANON KK

Citation (search report)

- [XA] WO 03039877 A1 20030515 - GEMPLUS CARD INT [FR], et al
- [X] EP 1213148 A1 20020612 - SEIKO EPSON CORP [JP]
- [A] WO 2009142623 A1 20091126 - HEWLETT PACKARD DEVELOPMENT CO [US], et al

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 2465684 A1 20120620; **EP 2465684 B1 20140514**; JP 2012131068 A 20120712; JP 5162650 B2 20130313; US 2012152978 A1 20120621

DOCDB simple family (application)

EP 11190263 A 20111123; JP 2010283441 A 20101220; US 201113296576 A 20111115