

Title (en)

Liquid filling nozzle having rectangular end portion.

Title (de)

Flüssigkeitsfüllrohr mit rechteckigem Endabschnitt.

Title (fr)

Ajutage de remplissage pour liquides à embouchure rectangulaire.

Publication

EP 0102668 A1 19840314 (EN)

Application

EP 83201224 A 19830825

Priority

JP 14973982 A 19820827

Abstract (en)

A liquid filling nozzle comprising a rectangular tubular member having an inward projection on each of opposite sides of its upper end, a strainer held in the interior of the rectangular tubular member at the lower end thereof, a strainer holder provided on the strainer and having a circular aperture in its upper portion, an internally threaded member formed in each of opposite sides of its lower end with an outwardly open groove having the projection fitted therein, and a hollow cylindrical nozzle main body having an externally threaded portion screwed in the internally threaded member and a projecting edge fitting in the circular aperture. Preferably the rectangular tubular member has an inner periphery and an outer periphery which are square in horizontal section. Further preferably, the outer periphery of the tubular member is slightly tapered.

IPC 1-7

B65B 39/00; **B65B 59/04**

IPC 8 full level

B05B 1/00 (2006.01); **B65B 3/02** (2006.01); **B65B 3/26** (2006.01); **B65B 39/00** (2006.01); **B65B 39/12** (2006.01); **B67C 3/04** (2006.01)

CPC (source: EP)

B65B 39/00 (2013.01); **B65B 2039/008** (2013.01)

Citation (search report)

- [A] FR 2098782 A5 19720310 - GRAFFIN ANDRE
- [A] US 2874736 A 19590224 - MAX HUGHES

Cited by

EP1336578A1; EP1539581A4

Designated contracting state (EPC)

DE FR GB NL SE

DOCDB simple family (publication)

EP 0102668 A1 19840314; **EP 0102668 B1 19860723**; DE 3364717 D1 19860828; JP S5951090 A 19840324; JP S6218401 B2 19870422

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