

Title (en)

Packaging machine, especially for filling and closing of containers containing liquid pharmaceuticals

Title (de)

Verpackungsmaschine, insbesondere zum Befüllen und Verschiessen von flüssige Pharamazeutika enthaltenden Behältnissen

Title (fr)

Machine d'emballage, spécialement pour remplir et fermer des récipients contenant des produits médicamenteux liquides

Publication

EP 1090843 B1 20040324 (DE)

Application

EP 00119535 A 20000907

Priority

DE 19947786 A 19991005

Abstract (en)

[origin: EP1090843A2] The packaging machine (10) has a machine frame (12) enclosed by at least one covering plate and which has a hood-shaped insulator housing (15) joined to the cover-plate with intermediate sealing element to enclose an interior. The insulating housing comprises at least one covering plate. The sealing element is contained in a gap between one side surface of the covering plate, and the insulating housing.

IPC 1-7

B65B 55/02

IPC 8 full level

B65B 31/00 (2006.01); **A61J 3/00** (2006.01); **B65B 55/02** (2006.01)

CPC (source: EP US)

B65B 55/02 (2013.01 - EP US)

Cited by

DE102007030789A1; US6799612B2; WO2009003924A1; WO2010119130A3; WO03016139A1

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 1090843 A2 20010411; **EP 1090843 A3 20020619**; **EP 1090843 B1 20040324**; DE 19947786 A1 20010419; DE 50005775 D1 20040429; JP 2001158404 A 20010612; JP 4727803 B2 20110720; US 6651404 B1 20031125

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EP 00119535 A 20000907; DE 19947786 A 19991005; DE 50005775 T 20000907; JP 2000306528 A 20001005; US 67208600 A 20000929