Title (en)

Packaging machine for producing sealed packages of pourable food products and featuring an improved fill conduit

Title (de)

Verpackungsmaschine zum Herstellen von gesiegelten Verpackungen für flüssige Nahrungsmittel mit einem verbesserten Füllrohr

Title (fr)

Machine d'emballage pour la fabrication d'emballages scellés pour produits alimentaires liquides comprenant une tuyére de remplissage améliorée

Publication

EP 1125844 B1 20040929 (EN)

Application

EP 00830114 A 20000218

Priority

EP 00830114 A 20000218

Abstract (en)

[origin: EP1125844A1] A packaging machine (1) for producing sealed packages (2) of a pourable food product from a tube (3) of packaging material, which is sealed longitudinally, is fed along a vertical downward path (A), is filled continuously with the food product by means of a fill conduit (5), and is gripped under pressure and sealed along equally spaced cross sections; the fill conduit (5) having, on the outside of a respective end portion (11) housed inside the tube (3) of packaging material, a pressure flange (20) having a number of transverse slits (22) dividing the flange (20) into respective tab portions (23), which are flexible by the pressure inside the tube (3) to define, for the food product, respective passages increasing gradually in section alongside an increase in pressure. <IMAGE>

IPC 1-7

B65B 39/00; B65B 9/20

IPC 8 full level

B65B 9/12 (2006.01); **B65B 39/00** (2006.01)

CPC (source: EP)

B65B 39/00 (2013.01)

Cited by

EP2189375A1; EP4400434A1; EP2388198A1; EP2277781A4; EP3623301A1; CN112638777A; US12122547B2; US11548238B2; US11820540B2; WO2024149492A1; WO2020053050A1

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