

Title (en)  
TUBE FILLING MACHINE

Title (de)  
TUBENFÜLLMASCHINE

Title (fr)  
MACHINE POUR LE REMPLISSAGE DE TUBES

Publication  
**EP 1355824 B1 20060802 (DE)**

Application  
**EP 02716677 A 20020123**

Priority  
• DE 10104069 A 20010129  
• EP 0200624 W 20020123

Abstract (en)  
[origin: DE10104069A1] The invention relates to a tube filling machine comprising a peripheral conveying device (11) enabling a tube (13) to be transported through the tube filling machine and to pass through various processing stations run through. One of the processing stations is a filling unit (14) in which the tube (13) can be filled with a desired product. In order to assemble and dismantle the filling unit (14) in a fast and simple manner, it is placed on an adjustable supporting structure (21) which can be adjusted between an operating position in which the filling unit (14) is arranged in the tube-filling machine above the tube which is to be filled (13) and a non-operating position in which filling unit protrudes laterally from the tube filling machine.

IPC 8 full level  
**B65B 3/16** (2006.01); **B65B 65/00** (2006.01)

CPC (source: EP US)  
**B65B 3/16** (2013.01 - EP US); **B65B 65/00** (2013.01 - EP US)

Designated contracting state (EPC)  
DE FR GB IE IT SE

DOCDB simple family (publication)  
**DE 10104069 A1 20020801**; BR 0205668 A 20030729; CA 2431922 A1 20020808; CA 2431922 C 20090512; DE 50207718 D1 20060914; EP 1355824 A1 20031029; EP 1355824 B1 20060802; JP 2004535332 A 20041125; MX PA03002405 A 20030619; US 2003111133 A1 20030619; US 6810928 B2 20041102; WO 02060755 A1 20020808

DOCDB simple family (application)  
**DE 10104069 A 20010129**; BR 0205668 A 20020123; CA 2431922 A 20020123; DE 50207718 T 20020123; EP 0200624 W 20020123; EP 02716677 A 20020123; JP 2002560918 A 20020123; MX PA03002405 A 20020123; US 34311003 A 20030128