

Title (en)

Method and apparatus for dosing composite viscous food products

Title (de)

Verfahren und Vorrichtung zum dosieren von zusammengesetzten viskösen Nahrungsmitteln

Title (fr)

Procédé et dispositif de dosage de produits alimentaires visqueux composites

Publication

EP 1221409 B1 20060201 (FR)

Application

EP 01200007 A 20010104

Priority

EP 01200007 A 20010104

Abstract (en)

[origin: EP1221409A1] The procedure, e.g. for filling multipacks of plastic pots in a form-fill-seal operation, uses a dosing head capable of simultaneous or sequential dosing of quantities of the same or different viscous products in a coaxial, co-lateral or superimposed state, with one or other of the products containing pieces of a more solid material such as vegetables or fruit. In one version the head (3) has feed ducts (1, 2) for different products (A, B), controlled by elastic membranes (7, 10) actuated pneumatically by air fed through channels (8, 11). The products pass through channels (12, 13) in a nozzle (4) into a container (5).

IPC 8 full level

B65B 3/32 (2006.01); **B65B 39/00** (2006.01)

CPC (source: EP)

B65B 3/326 (2013.01); **B65B 2220/14** (2013.01)

Cited by

NL2013209B1; DE102009037780A1; EP3409595A1; EP1657159A1; EP1602579A1; WO2016010435A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1221409 A1 20020710; EP 1221409 B1 20060201; AR 032223 A1 20031029; AT E316902 T1 20060215; AU 2002238448 B2 20070614; BR 0116655 A 20031230; BR 0116655 B1 20101103; DE 60116948 D1 20060413; DE 60116948 T2 20060810; DK 1221409 T3 20060612; EG 23073 A 20040229; ES 2256151 T3 20060716; JP 2004521830 A 20040722; MX PA03005961 A 20030905; MY 137629 A 20090227; PL 365313 A1 20041227; WO 02053456 A1 20020711

DOCDB simple family (application)

EP 01200007 A 20010104; AR P020100023 A 20020103; AT 01200007 T 20010104; AU 2002238448 A 20011217; BR 0116655 A 20011217; DE 60116948 T 20010104; DK 01200007 T 20010104; EG 20011383 A 20011231; EP 0114998 W 20011217; ES 01200007 T 20010104; JP 2002554585 A 20011217; MX PA03005961 A 20011217; MY PI20015618 A 20011211; PL 36531301 A 20011217