

Title (en)

VACUUM PACKAGING MACHINE AND LOADING SYSTEM

Title (de)

VAKUUMVERPACKUNGSMASCHINE UND LADESYSTEM

Title (fr)

MACHINE A EMBALLER SOUS VIDE ET SYSTEME DE CHARGEMENT

Publication

EP 1585671 A1 20051019 (EN)

Application

EP 03768408 A 20031222

Priority

- NZ 0300290 W 20031222
- NZ 52329902 A 20021220

Abstract (en)

[origin: WO2004056656A1] Apparatus for vacuum packing products includes a vacuum packaging machine, an upstream product information acquisition stage arranged to acquire information relating to one or more characteristics of products on a product packing line, and a pack opener arranged to open the mouth of each pack to a controlled extent based on information relating to products being packed acquired at the upstream product information acquisition stage, and to present the pack so that the products are delivered into the open packs which are then delivered into the vacuum packaging machine, or deliver the products into the open packs which are already at least partially entered into the vacuum packaging machine.

IPC 1-7

B65B 31/02; **B65B 43/26**; **B65B 57/00**

IPC 8 full level

B65B 31/02 (2006.01); **B65B 43/26** (2006.01); **B65B 57/00** (2006.01)

CPC (source: EP KR US)

B65B 31/02 (2013.01 - KR); **B65B 31/024** (2013.01 - EP US); **B65B 57/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2004056656A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004056656 A1 20040708; AU 2003291785 A1 20040714; BR 0316874 A 20051018; CA 2510804 A1 20040708; EP 1585671 A1 20051019; JP 2006510555 A 20060330; KR 20060024762 A 20060317; MX PA05006557 A 20050816; NZ 523299 A 20051223; US 2006266005 A1 20061130; ZA 200504824 B 20060426

DOCDB simple family (application)

NZ 0300290 W 20031222; AU 2003291785 A 20031222; BR 0316874 A 20031222; CA 2510804 A 20031222; EP 03768408 A 20031222; JP 2004562146 A 20031222; KR 20057011434 A 20050617; MX PA05006557 A 20031222; NZ 52329902 A 20021220; US 54030703 A 20031222; ZA 200504824 A 20050613