

Title (en)

Gripper for opening devices to be applied to packages of pourable food products

Title (de)

Greifer für auf Verpackungen für fließfähige Nahrungsmittel anzubringende Öffnungselemente

Title (fr)

Pince pour éléments d'ouverture destinés à être appliqués à des emballages de produits alimentaires fluides

Publication

**EP 1471009 A1 20041027 (EN)**

Application

**EP 03009449 A 20030425**

Priority

EP 03009449 A 20030425

Abstract (en)

The gripper has two jaws (28,29) fitted to a casing (27) and movable with respect to each other. The jaws have respective gripping heads (44,45) between which to grip a portion of an opening device (2). The gripping heads define between them a seat which engages the portion of the opening device interferentially when the gripper is moved in a pickup direction. A spring forces the jaws into a maximum approach position of the gripping heads.

IPC 1-7

**B65B 61/18**

IPC 8 full level

**B65B 61/18** (2006.01)

CPC (source: EP)

**B65B 61/186** (2013.01)

Citation (search report)

- [YD] EP 0842041 A1 19980520 - PKL VERPACKUNGSSYSTEME GMBH [DE]
- [Y] EP 1072518 A1 20010131 - ELOPAK SYSTEMS [CH]

Cited by

JP2012511479A; JP2010529914A; ITTO20080915A1; EP2003059A1; US9187199B2; WO2010066691A1; US8336703B2; WO2019011473A1; WO2008152143A1

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)

**EP 1471009 A1 20041027**; WO 2004096647 A1 20041111

DOCDB simple family (application)

**EP 03009449 A 20030425**; EP 2004050539 W 20040416