

Title (en)

Method of discontinuously distributing and aligned loading of elongate products

Title (de)

Verfahren zum diskontinuierlichen Verteilen und ausgerichtetem Laden von länglichen Gegenständen

Title (fr)

Procédé de distribution discontinue et de chargement aligné de produits filiformes

Publication

**EP 1642834 A1 20060405 (FR)**

Application

**EP 05370026 A 20050902**

Priority

FR 0410406 A 20041001

Abstract (en)

The method involves maintaining a flexible and long preservation container (17) at a loading station, and subjecting the container to a to and fro movement at a product receiving zone. The movement is directed horizontally along an alignment direction of elongated products. The container is supplied with products that are subjected to a to and fro movement synchronous with that of the container. An independent claim is also included for an installation for discontinuous distribution and aligned loading of elongated products such as green bean in flexible container.

IPC 8 full level

**B65B 35/34** (2006.01)

CPC (source: EP)

**B65B 19/34** (2013.01); **B65B 25/04** (2013.01); **B65B 35/34** (2013.01)

Citation (search report)

- [A] EP 0195428 A2 19860924 - LAMB WESTON INC [US]
- [A] US 4607478 A 19860826 - MAGLECIC STEVEN C [US]
- [A] EP 0413913 A1 19910227 - LAMB WESTON INC [US]
- [A] FR 2739836 A1 19970418 - BONDUELLE SA ETS [FR]
- [A] EP 1270421 A1 20030102 - BONDUELLE SA ETS [FR]
- [A] US 4541228 A 19850917 - PETERSEN GUNNAR C [DK]
- [A] PATENT ABSTRACTS OF JAPAN vol. 008, no. 016 (M - 270) 24 January 1984 (1984-01-24)

Cited by

CN111169692A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1642834 A1 20060405**; **EP 1642834 B1 20070321**; AT E357373 T1 20070415; DE 602005000740 D1 20070503; DE 602005000740 T2 20071206; ES 2285664 T3 20071116; FR 2876081 A1 20060407; FR 2876081 B1 20061117

DOCDB simple family (application)

**EP 05370026 A 20050902**; AT 05370026 T 20050902; DE 602005000740 T 20050902; ES 05370026 T 20050902; FR 0410406 A 20041001