

Title (en)

Device for unpacking products arranged in rectangular holders.

Title (de)

Vorrichtung zum Auspacken von Gegenständen aus rechteckigen Behältern.

Title (fr)

Appareil pour déballer des produits rangés dans des conteneurs rectangulaires.

Publication

EP 0404272 A1 19901227 (EN)

Application

EP 90201641 A 19900622

Priority

NL 8901580 A 19890622

Abstract (en)

A device for unpacking products (P) arranged in rectangular holders of cuttable material such as butter or like fats arranged in cardboard boxes (P), said device comprising a frame (1), a conveyor belt (2) carried by that frame with transporting means for conveying a holder at a time past a cutting station (7, 8, 9) for cutting through a wall part of the holder, a heating station (42) for softening adhesive at points of adhesion on the holder, as well as least two further cutting stations for arranging cuts in the standing wall parts of a lining in said holder and a removal station for removing the two parts of the lining, in order to considerably increasing the unpacking capacity, whereby the feed of products can be adapted to automatic processes for further processing the content of the holder.

IPC 1-7

B65B 69/00

IPC 8 full level

B65B 69/00 (2006.01)

CPC (source: EP)

B65B 69/0033 (2013.01)

Citation (search report)

- [X] BE 889278 A 19811218 - NIEUWERBURGH CARLOS VAN
- [X] DE 3443362 A1 19860528 - KODAK AG [DE]
- [Y] US 3889442 A 19750617 - GRAHN PER HERBERT, et al
- [A] DE 1511847 A1 19700108 - WIKING LARS

Cited by

CN112278477A; US5344274A; US6393799B2; DE4218267A1; CN103732499A; US5484238A; US11535412B2; US2013125517A1; CN108622490A; CN108341111A; CN113428454A; US5716185A; US10053257B2; WO2013017348A3; WO2007112740A1; WO2022187557A3

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0404272 A1 19901227; NL 8901580 A 19910116

DOCDB simple family (application)

EP 90201641 A 19900622; NL 8901580 A 19890622