

Title (en)

Feeder device for presenting products on a shelf

Title (de)

Zuführvorrichtung zur Präsentation von Produkten auf einem Regal

Title (fr)

Dispositif d'alimentation pour présenter des produits sur une étagère

Publication

EP 2767191 A1 20140820 (EN)

Application

EP 13155446 A 20130215

Priority

EP 13155446 A 20130215

Abstract (en)

The present disclosure relates to a feeder device (1), which feeder device is configured for being mounted on a shelf (2) for feeding successive products to a front (3) of the shelf. The feeder device comprises an elongated guide member (4) which is configured for extending longitudinally backwards from the front of the shelf when the device is mounted. The feeder device also comprises a sled (5) which is slidably connected to the guide member such that the sled can slide along the length of the elongated guide member. The sled is configured for engaging a back-most product of the successive products for pushing the products towards the front of the shelf. The feeder device also comprises a spring (6) connected to the sled, and configured for pushing the sled along the guide member towards a front end (7) of said guide member. The feeder device further comprises a damper (8) connected to the sled, and configured for damping the sliding motion of the sled towards the front end of the guiding member when the sled is pushed by the spring.

IPC 8 full level

A47F 1/12 (2006.01)

CPC (source: EP)

A47F 1/126 (2013.01)

Citation (applicant)

- EP 0337340 A2 19891018 - RTC IND INC [US]
- EP 2348228 A1 20110727 - OILES INDUSTRY CO LTD [JP]

Citation (search report)

- [X] US 2010059469 A1 20100311 - MASON JEFFREY [US], et al
- [X] WO 2010141552 A2 20101209 - ROCK TENN SHARED SERVICES LLC [US], et al
- [X] US 2009184130 A1 20090723 - MILLER ROGER K [US], et al
- [X] GB 2386116 A 20030910 - GILLETTE CO [US]
- [AD] EP 0337340 A2 19891018 - RTC IND INC [US]
- [AD] EP 2348228 A1 20110727 - OILES INDUSTRY CO LTD [JP]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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