

Title (en)
FEEDER DEVICE AND SLED FOR SUCH DEVICE

Title (de)
AUSGABEVORRICHTUNG MIT FÜLLSTANDSANZEIGE

Title (fr)
DISPOSITIF DE DISTRIBUTION D'ARTICLES

Publication
EP 3488738 A1 20190529 (EN)

Application
EP 17204123 A 20171128

Priority
EP 17204123 A 20171128

Abstract (en)
A feeder device configured for mounting on a shelf for feeding successive products (P) to a front of the shelf. The device comprises an elongated guide member (10) which is configured for extending longitudinally backwards from the front of the shelf when the device is mounted. A first sled (20) is arranged longitudinally displaceable along the guide member (10) and comprises a back support (23) configured for engaging a rearmost product of the successive products (P) for pushing the products towards the front of the shelf. Means (25) is arranged for urging the first sled (20) along the guide member (10) towards a front end of said guide member. Indication means is arranged to indicate that the first sled (20) has reached or passed a certain predetermined position along the guide member (10), at which position only a predetermined number of the successive products (p) remain at the feeder device. The indication means comprises a second sled (30) which is arranged longitudinally displaceable together with the first sled (20) relative to the guide member and limitedly longitudinally displaceable relative to the first sled (20). The second sled comprises a front support (33) which is arranged to engage a front-most product (P) of the predetermined number of remaining products when the second sled (30) is in a front-most position relative to the first sled (20).

IPC 8 full level
A47F 1/12 (2006.01)

CPC (source: EP)
A47F 1/126 (2013.01)

Citation (applicant)

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- JP 2003210286 A 20030729 - TAKAHARA KK
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- WO 2013153579 A1 20131017 - JAPAN TOBACCO INC [JP], et al
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Citation (search report)

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- [X] US 2015320237 A1 20151112 - HARDY STEPHEN N [US], et al
- [A] EP 0038032 A1 19811021 - KIMNACH ALLIT PLASTIK [DE]

Designated contracting state (EPC)
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