

Title (en)

Device for storing and feeding sell-by-weight loose products and for making these available for picking

Title (de)

Vorrichtung zum Speichern und Beschicken von losen Verkauf-nach-Gewicht-Produkten und Verfügbarmachung davon für das Picking

Title (fr)

Dispositif pour le stockage et l'alimentation de produits en vrac vendus au poids et pour les rendre disponibles à la préhension

Publication

EP 2394535 A1 20111214 (EN)

Application

EP 11169677 A 20110613

Priority

SE 1050601 A 20100614

Abstract (en)

Device (1) and system for storing and feeding sell-by-weight loose products and for making these available for picking. The device comprises a container (5) having side walls (8, 9, 10, 11) and at least one bottom wall (12), which together define a storage space, and having a fill opening (13) and a pick-out opening (14). The bottom wall extends from a front portion (5') of the container, which is arranged next to the pick-out opening, to a rear portion (5'') of the container, and is configured to guide a sell-by-weight loose product of a certain minimum unit size, by gravitational feed, in the direction of the pick-out opening. The bottom wall also has continuous screen openings (22) to allow particles of a size which is less than the said minimum unit size to fall out from the storage space through the bottom wall. The device also comprises a collecting tray (30), detachably fixed to the container, for the collection of particles which have fallen out through the bottom wall (12).

IPC 8 full level

A47F 1/02 (2006.01)

CPC (source: EP SE)

A47F 1/02 (2013.01 - EP); **A47F 1/03** (2013.01 - SE)

Citation (search report)

- [X] WO 02096245 A1 20021205 - OK KARL FAZER AB [FI], et al
- [X] DE 202008001290 U1 20090610 - KESSEBOEHMER KG [DE]
- [X] US 1566545 A 19251222
- [A] EP 2127564 A1 20091202 - TRIPLE PROMOTION AB [SE]

Cited by

EP3811825A1; EP2599406A1; EP3957214A1; EP4056075A1

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)

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