

Title (en)

DISPENSER, RETROFIT KIT FOR A DISPENSER, A METHOD FOR PROVISION OF PORTIONS OF A TISSUE WEB AND A METHOD FOR UPGRADING A DISPENSER

Title (de)

SPENDER, NACHRÜSTSATZ FÜR EINEN SPENDER, VERFAHREN ZUR BEREITSTELLUNG VON PORTIONEN EINER TISSUEBAHN UND VERFAHREN ZUM AUFRÜSTEN EINES SPENDERS

Title (fr)

DISTRIBUTEUR, KIT DE RATTRAPAGE POUR DISTRIBUTEUR, PROCÉDÉ DE FOURNITURE DE PARTIES D'UNE BANDE DE TISSU ET PROCÉDÉ DE MISE À NIVEAU D'UN DISTRIBUTEUR

Publication

EP 3838089 A1 20210623 (EN)

Application

EP 19218314 A 20191219

Priority

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Abstract (en)

The invention relates to a dispenser for provision of portions of a tissue web, a retrofit kit for a dispenser, a method for provision of portions of a tissue web and a method for upgrading a dispenser. The dispenser comprises a first transport arrangement for unused tissue and a second transport arrangement for used tissue, a housing with a dispensing opening through which a tissue portion located between the first transport arrangement and the second transport arrangement protrudes, a detection arrangement comprising at least one sensor unit, preferably comprising a first sensor and a second sensor, for detecting a user change, a control unit adapted to activate the second transport arrangement when a user change is detected.

IPC 8 full level

A47K 10/28 (2006.01)

CPC (source: CN EP US)

A47K 10/28 (2013.01 - EP); **A47K 10/34** (2013.01 - CN); **A47K 10/36** (2013.01 - US); **A47K 2010/3668** (2013.01 - EP US); **A47K 2010/3675** (2013.01 - EP)

Citation (applicant)

- EP 1191872 B1 20030820 - HTS INT TRADING AG [CH]
- EP 2810259 B1 20190501 - CWS BOCO INT GMBH [DE]
- EP 0283554 B1 19911016
- EP 0483314 B1 19940824 - CWS AG [CH]

Citation (search report)

- [XYI] EP 2036479 A1 20090318 - VENDOR BV [NL]
- [YA] US 4718588 A 19880112 - ARABIAN SANDRO [LI], et al
- [Y] DE 1172019 B 19640611 - AMERICAN LINEN SUPPLY CO

Cited by

US2021186275A1

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)

EP 19218314 A 20191219; CA 3100646 A 20201125; CN 202011507567 A 20201218; US 202017122238 A 20201215