

Title (en)  
DISPENSERS

Title (de)  
SPENDER

Title (fr)  
DISTRIBUTEURS

Publication  
**EP 4205597 A1 20230705 (EN)**

Application  
**EP 22214600 A 20201102**

Priority  
• GB 201915868 A 20191031  
• EP 20801394 A 20201102  
• GB 2020052776 W 20201102

Abstract (en)  
A dispenser (2) for a product in stick form comprises: a tubular body (4) having a longitudinal axis (A), the tubular body (4) including a tubular base part (6) and a removable cap (8) for closing an open end of the tubular base part (6). The tubular base part (6) comprises an outer tube (20) made from a paper-based or card-based material such as paperboard or cardboard and having an axially extending helical slot (30) formed in a radially inner surface (36) thereof, an inner tube (22) received within the outer tube (20) and made from a paper-based or card-based material such as paperboard or cardboard and having an axially extending slot (40) formed therethrough and a base (24) made from a paper-based or card-based material such as paperboard or cardboard which is rotatable about the longitudinal axis (A) relative to the outer tube (20) and to which the inner tube (22) is fixed so as to be rotatable therewith relative to the outer tube. A product stick carrier (50) is slidably received in the inner tube (22) and has a lug (54) projecting through the axially extending slot (20) of the inner tube (22) to engage with the axially extending helical slot (30) of the outer tube (20), whereby rotation of the base (24) relative to the outer tube (20) cams the lug (54) along the axially extending helical slot (30) so as to move the product stick carrier (50) along the inner tube (22) so as to extend the product stick (52) from the outer tube (20).

IPC 8 full level  
**A45D 40/06** (2006.01)

CPC (source: EP US)  
**A45D 40/06** (2013.01 - EP US); **A45D 40/065** (2013.01 - US)

Citation (search report)  
• [X] US 2368044 A 19450123 - SEAGER JOHN C, et al  
• [I] US 2394961 A 19460212 - ABRAHAM AUERBACH  
• [I] US 2354136 A 19440718 - MOREY RICHARD M

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**WO 2021084284 A1 20210506**; EP 4051052 A1 20220907; EP 4051052 B1 20240612; EP 4205597 A1 20230705; GB 201915868 D0 20191218; US 2023011555 A1 20230112

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