

Title (en)
Dispensing apparatus for tablets.

Title (de)
Abgabegerät für Pastillen.

Title (fr)
Appareil distributeur de pastilles.

Publication
EP 0093087 A1 19831102 (FR)

Application
EP 83810170 A 19830425

Priority
FR 8207286 A 19820426

Abstract (en)
1. Dispensing apparatus for tablets, especially for sweetening product lozenges, having a first housing element (10) and a second housing element (20), adapted so that they can be assembled so as to define an internal cavity intended to contain these lozenges, and a distribution device inside the housing to release selectively just one of the said lozenges, in which the first housing element (10) can be moved axially in relation to the second housing element (20) between a first and second position, this distribution device has a channel having deflectors (15) integral with the first housing element, and a fixed stop (28), integral with the second housing element, disposed in this channel having deflectors (15) when the two housing elements are assembled, this stop being arranged so that it blocks the passage of the lozenges across the channel having deflectors when the first housing element is in the said first position, and it allows the passage of the said lozenge when the said first element is in the said second position, characterised in that the channel having deflectors (15) has a rectilinear section, the width of which is substantially equal to the transversal section of the lozenges, and a lateral space (16) juxtaposed to the said rectilinear section and extending over a length substantially corresponding to the zone swept by the said stop (28), when the first housing element (10) moves from its first to its second position, the shape and dimensions of this lateral space (16) being such that it can only contain a single lozenge.

Abstract (fr)
La présente invention concerne un appareil distributeur de pastilles. Cet appareil comporte un premier élément de boîtier 40 logé à l'intérieur d'un second élément de boîtier 41 de manière à définir une cavité 42 à l'intérieur de laquelle sont disposées les pastilles. Un couloir à chicannes 45 permet l'évacuation une à une des pastilles se trouvant dans la cavité 42 lorsque l'opérateur repousse l'élément de boîtier 40 vers le bas en s'opposant à la force d'un ressort 47. Une zone en forme d'entonnoir 43 fait communiquer la cavité intérieure 42 avec le couloir à chicannes 45. Cet appareil est utilisé notamment pour permettre une distribution commandée de pastilles de produits édulcorants.

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Citation (search report)
[X] FR 2460263 A1 19810123 - BOOTS CO LTD

Cited by
EP0236039A3; EP0408774A1; FR2656284A1; EP0113219A3; WO2006116370A3

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