

Title (en)  
SUPPORT STRUCTURE FOR SIMULTANEOUSLY HOLDING A PLURALITY OF CONTAINERS FOR SUBSTANCES FOR MEDICAL, PHARMACEUTICAL OR COSMETIC APPLICATIONS AND TRANSPORT OR PACKAGING CONTAINER WITH SAID SUPPORT STRUCTURE

Title (de)  
HALTESTRUKTUR ZUM GLEICHZEITIGEN HALTEN EINER MEHRZAHL VON BEHÄLTERN FÜR SUBSTANZEN FÜR MEDIZINISCHE, PHARMAZEUTISCHE ODER KOSMETISCHE ANWENDUNGEN SOWIE TRANSPORT- ODER VERPACKUNGSBEHÄLTER MIT SELBIGER

Title (fr)  
Structure de support pour le support simultané d'une pluralité de récipients pour des substances pour des applications médicales, pharmaceutiques ou cosmétiques et récipient de transport ou d'emballage doté de celle-ci

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Application  
**EP 14199819 A 20130503**

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Abstract (en)  
[origin: WO2014009037A1] The invention relates to a holder structure for simultaneously holding a plurality of containers (2) for substances for cosmetic, medicinal or pharmaceutical applications, particularly bottles, and which comprises a carrier (134) that has a plurality of openings or receiving portions (135) into which the containers can be introduced, as well as holder means for holding the container in place in these openings or receiving portions. According to the invention, the holder means comprise at least two holder tabs (140) which are provided on the edge of a given opening or receiving portion and project away from an upper side of the carrier (134) so as to hold the container in question in place, said holder tabs (140) being designed such that they are elastically pivoted or folded back as the container is introduced into the openings or receiving portions, and being adapted to the containers such that these are held in place by means of said holder tabs with radial play and a low degree of tension. The radial play allows production-related tolerances to be compensated for, but also different types of container with different outer dimensions to be held using the same holder structure. Since base support of the containers in the holder structure is not required, the containers may be accessed easily. In particular, they can be transferred in batches to further processing stations where they are processed further, while being held in the holder structure. The containers can be lifted or moved, for example, rotated, in the openings or receiving portions with very little expenditure of force.

Abstract (de)  
Offenbart wird eine Haltestruktur zum gleichzeitigen Halten einer Mehrzahl von Behältern (2) für Substanzen für medizinische, pharmazeutische oder kosmetische Anwendungen. Die Haltestruktur weist einen Träger (134), der eine Mehrzahl von Öffnungen oder Aufnahmen (135) aufweist, in welche die Behälter eingeführt werden können, sowie Haltemittel (140) zum Halten der Behälter in den Öffnungen oder Aufnahmen der Haltestruktur, wobei die Haltestruktur eine Längsrichtung (x) und eine Querrichtung (y) aufweist. Erfindungsgemäß können jeweils unmittelbar benachbarte Haltestrukturen so miteinander unmittelbar verbunden werden, dass diese relativ zueinander in der Längsrichtung und/oder in der Querrichtung unverschieblich sind. Durch die lösbare, vorübergehende Verbindung kann eine Mehrzahl von Haltestrukturen miteinander verbunden und gemeinsam in eine Bearbeitungs- oder Prozessstation, wie beispielsweise einen Gefriertrockner, eingebracht und wieder aus diesem entnommen werden.

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Citation (applicant)

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KR 101771378 B1 20170824; KR 20150034786 A 20150403; KR 20160023933 A 20160303; KR 20160110549 A 20160921;  
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