

Title (en)
Returnable container

Title (de)
Mehrwegtransportbehälter

Title (fr)
Container retournable

Publication
EP 0630829 B1 19970402 (DE)

Application
EP 94107845 A 19940520

Priority
DE 4318284 A 19930602

Abstract (en)
[origin: EP0630829A1] A reusable transport container for rolls of coiled, tape-like material consists of - a rectangular container bottom (1) with vertical walls (2), - a closable container lid (3) linked to one wall (2), - and at least one vertical guide column (4) attached to the container bottom (1), having a horizontal load plate (5) which can be displaced vertically along said guide column for receiving a stack of rolls, and having a compression spring (6) which is arranged between the container bottom (1) and the load plate (5) and can be stressed and relieved as a function of the load and by means of which the respective top roll (7) of the stack of rolls is raised to a working height at which lies above the upper end of the guide column (4) and above the front wall of the reusable transport container, each guide column (4) being assigned a counterpiece (8) which is attached in the container lid (3), engages in a positive-locking manner on the upper end of the guide column (4) when the container is closed and, together with said column, forms a unit between the container bottom (1) and the container lid (3), which unit stabilises the container and secures the stack of rolls resting on the load plate (5) against lateral movement. <IMAGE>

IPC 1-7
B65D 85/672

IPC 8 full level
B65D 85/672 (2006.01); **B65H 49/38** (2006.01); **B65H 75/16** (2006.01)

CPC (source: EP)
B65H 49/38 (2013.01); **B65H 75/16** (2013.01)

Cited by
CN109775106A; CN103832891A; US2016167407A1; CN109080964A

Designated contracting state (EPC)
AT CH DE LI LU

DOCDB simple family (publication)
EP 0630829 A1 19941228; EP 0630829 B1 19970402; AT E151044 T1 19970415; DE 4318284 A1 19941208; DE 59402278 D1 19970507

DOCDB simple family (application)
EP 94107845 A 19940520; AT 94107845 T 19940520; DE 4318284 A 19930602; DE 59402278 T 19940520