

Title (en)
COLLAPSIBLE CRATE

Publication
EP 0067323 B1 19860102 (DE)

Application
EP 82104489 A 19820522

Priority
• DE 8117370 U 19810612
• DE 8119990 U 19810709

Abstract (en)
[origin: EP0067323A2] 1. An erectable transport crate (1) comprising a baseplate (2), four inwardly foldable side walls (3, 4) arranged opposite to one another in pairs, and a plurality of hinges to link the side walls (3, 4) to the baseplate (2), in which two side walls (3) facing one another are directly linked to the baseplate (2), and the other two side walls (4) facing one another are indirectly linked to the baseplate (2) via rims (6) approximately vertical to the baseplate (2), and in which the sidewalls (4) linked to the baseplate (2) via rims (6) are provided at their edges (12), vertical to the baseplate (2) in the erected position, with buffer strips (13) that normally extend along the whole length of the edges and bear location units (7), and the side walls (4) are also provided with resilient locking units (9) for connection in the erected position to the side walls (3) that are directly linked to baseplate (2), characterised in that on the edges of the side walls (3), directly linked to the baseplate (2), which in the erected position come into contact with the buffer strips (13) location recesses (8) are provided for the location units (7), that each of the locking units (9) features a spring clip (14) connected at one end and at its centre to the associated side wall (4), with a nose-like detent projection (15) located at the free end of the spring clip (14), and that the nose-like detent projections (15) of the locking units (9) clip behind the internal faces of their associated side walls (3) to lock them in the unfolded, erected position.

IPC 1-7
B65D 6/16

IPC 8 full level
B65D 6/16 (2006.01)

CPC (source: EP)
B65D 11/1833 (2013.01)

Cited by
FR2701690A1; US6029840A; EP0252017A3; US5056666A; EP0211116A3; EP1553022A1; NL1025185C2; FR2564431A2; AT401765B; US5588549A; AU679194B2; WO9411259A1; WO9749613A1; WO9739954A1

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