

Title (en)  
SCREW-FASTENED LIFTING DEVICE

Publication  
**EP 0121767 B1 19860917 (DE)**

Application  
**EP 84102388 A 19840305**

Priority  
DE 8307694 U 19830316

Abstract (en)  
[origin: EP0121767A2] 1. A multi-part lifting device which can be detachably brought into engagement with a connecting element (9) dependent from a lifting apparatus and which lifting device can be screwed to a solid body (1) to be transported, by a cap screw (4), in which the cap screw passes loosely through a pressure disc (8) which is supported on the body, a supporting sleeve (7) which is adjacent to said pressure disc, and a support (6) which is clamped between said sleeve and the screw head (4a) and holds all the parts together, characterized in that at its periphery, the sleeve (7) can be brought directly into engagement with the connecting element (9) and the support (6) is formed as a safety member for the connecting element which protrudes beyond the sleeve transversely to the longitudinal axis of the screw.

IPC 1-7  
**B66C 1/66**

IPC 8 full level  
**B66C 1/66** (2006.01)

CPC (source: EP)  
**B66C 1/666** (2013.01)

Cited by  
US5560664A

Designated contracting state (EPC)  
AT DE

DOCDB simple family (publication)  
**EP 0121767 A2 19841017; EP 0121767 A3 19850327; EP 0121767 B1 19860917; AT E22270 T1 19861015; DE 3460736 D1 19861023; DE 8307694 U1 19830811**

DOCDB simple family (application)  
**EP 84102388 A 19840305; AT 84102388 T 19840305; DE 3460736 T 19840305; DE 8307694 U 19830316**