

Title (en)  
Lifting and handling device.

Title (de)  
Hebe- und Transportvorrichtung.

Title (fr)  
Dispositif de levage et de manutention.

Publication  
**EP 0163008 A1 19851204 (DE)**

Application  
**EP 85101684 A 19850215**

Priority  
DE 3415884 A 19840428

Abstract (en)  
[origin: US4634164A] A hoisting assembly with a quick-release shackle for the connection of a hoisting harness to an anchoring member embedded in a precast concrete building element, for the tilt-up and transport of the latter, the assembly comprising a ring part reaching through the central opening of the hoisting shackle and a link plate attached to the ring part at a split hub portion of the ring part which is welded after insertion into the hoisting shackle. The link plate, oriented perpendicularly to the ring part, is attached thereto by means of a weld, or by means of an internally threaded axial extension engaging a male thread on the hub portion of the ring part. The link plate extension may include a threaded sleeve and a connecting screw about which the link plate is rotatable.

Abstract (de)  
Eine Hebe- und Transportvorrichtung besteht aus einem Kupplungskopf (20) und einem an diesem angreifenden Schäkel (10), wobei der Schäkel aus einem Ösenteil (11) und einem Anschlußteil (12) gebildet ist, deren Ebenen maximale Ausdehnung senkrecht aufeinander stehen. Damit wird eine einfachere Manipulation an Betonfertigteilen erreicht, ebenso ist eine tiefere Einbettung der vom Kupplungskopf beaufschlagten Anker in den Betonfertigteilen möglich, auch die Gefahr von Beschädigungen an den Kanten, Stirnflächen oder dort herausragenden Rippen von Betonfertigteilen wird reduziert.

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

IPC 8 full level  
**B66C 1/62** (2006.01); **B66C 1/66** (2006.01); **E04G 21/16** (2006.01)

CPC (source: EP KR US)  
**B66C 1/66** (2013.01 - KR); **B66C 1/666** (2013.01 - EP US)

Citation (search report)

- [YD] DE 2720148 C2 19821007
- [Y] DE 2617866 B2 19800410
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DOCDB simple family (publication)  
**EP 0163008 A1 19851204; EP 0163008 B1 19880817**; AT E36509 T1 19880915; AU 4173585 A 19851031; AU 573816 B2 19880623; CA 1236143 A 19880503; DE 3415884 A1 19851031; DE 3415884 C2 19861218; DE 3564416 D1 19880922; JP 2645646 B2 19970825; JP S61150989 A 19860709; KR 850007787 A 19851209; KR 920006690 B1 19920814; US 4634164 A 19870106

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**EP 85101684 A 19850215**; AT 85101684 T 19850215; AU 4173585 A 19850426; CA 480245 A 19850426; DE 3415884 A 19840428; DE 3564416 T 19850215; JP 9131285 A 19850430; KR 850002858 A 19850427; US 72809685 A 19850429