

Title (en)  
A device for handling a load

Title (de)  
Vorrichtung zur Handhabung einer Last

Title (fr)  
Dispositif de manutention d'une charge

Publication  
**EP 1291312 B1 20100421 (EN)**

Application  
**EP 02078646 A 20020905**

Priority  
BE 200100579 A 20010905

Abstract (en)  
[origin: EP1291312A2] Apparatus for displacing a load, comprising a platform (1) with a telescopic boom (4) movable in the vertical plane, means mounted on the free end of the boom (4) for removably arranging attachments such as lift forks, a winch (10) supported by the platform (1) for a hoisting cable (9) guided along the boom (4) and having a hook for the load, wherein a jib (8) provided with a fixed top pulley (12) for the cable (9) is pivotally mounted on the free end of the boom (4), wherein the length of the jib (8) is such that, as seen in the vertical plane, for all positions of the boom (4) the vertical line along the top pulley (12) runs clear of these mounting means on the boom (4), whereby the apparatus can function better as hoisting apparatus. The apparatus can further be embodied with a synchronous control of the hoisting cable (9) and the telescopic boom (4).

IPC 8 full level  
**B66C 23/66** (2006.01); **B66C 23/12** (2006.01); **B66C 23/68** (2006.01); **B66C 23/687** (2006.01)

CPC (source: EP)  
**B66C 23/12** (2013.01); **B66C 23/68** (2013.01)

Cited by  
CN114516595A; DE102011113208A1; ITRE20120037A1; EP1510497A1; EP1491485A1; EP1477450A1; CN113629587A; JP2021014352A; WO2013078904A1; WO2023097348A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1291312 A2 20030312; EP 1291312 A3 20030709; EP 1291312 B1 20100421**; AT E465120 T1 20100515; BE 1014361 A3 20030902; DE 60236056 D1 20100602; ES 2343943 T3 20100813

DOCDB simple family (application)  
**EP 02078646 A 20020905**; AT 02078646 T 20020905; BE 200100579 A 20010905; DE 60236056 T 20020905; ES 02078646 T 20020905