

Title (en)  
Hoisting gear, particularly the rope arrangement

Title (de)  
Hubwerk, insbesondere dessen Seilanordnung

Title (fr)  
Dispositif de levage et arrangement de câble

Publication  
**EP 1640309 B1 20070117 (DE)**

Application  
**EP 05017577 A 20050812**

Priority  
DE 102004040663 A 20040820

Abstract (en)  
[origin: DE102004040663A1] Rope drums (13-16) wind ropes (22A-25A,22B-25B) connected to a load crossbeam (10) for elevating and lowering the load crossbeam. The lifting device is horizontally displaceable. The load crossbeam may be tilted relative to the longitudinal direction through the ropes.

IPC 8 full level  
**B66C 13/06** (2006.01)

CPC (source: EP)  
**B66C 1/101** (2013.01); **B66C 13/06** (2013.01); **B66C 13/08** (2013.01)

Cited by  
US2022212900A1; US11753279B2; US7284744B1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 102004040663 A1 20060302**; DE 502005000323 D1 20070308; DK 1640309 T3 20070521; EP 1640309 A1 20060329; EP 1640309 B1 20070117; ES 2281045 T3 20070916; PT 1640309 E 20070430

DOCDB simple family (application)  
**DE 102004040663 A 20040820**; DE 502005000323 T 20050812; DK 05017577 T 20050812; EP 05017577 A 20050812; ES 05017577 T 20050812; PT 05017577 T 20050812