

Title (en)  
Hoist

Title (de)  
Hebezeug

Title (fr)  
Engin de levage

Publication  
**EP 1616836 A2 20060118 (DE)**

Application  
**EP 05015287 A 20050714**

Priority  
DE 102004034588 A 20040716

Abstract (en)  
The crane hook (2) assembly has a safety cut-out, to switch off the operating mechanism at a given lifting height. The hook holder (3) is attached to the hook lifting chain (9), with an operating unit (4) to trip the cut-off and fitted with at least one passage opening (7,8) for the lifting chain, with a sliding movement between an upper rest position (A) and a lower stop position. At least one elastic spring (10) is between the safety trip and the hook holder.

IPC 8 full level  
**B66D 3/24** (2006.01); **B66D 1/56** (2006.01)

CPC (source: EP)  
**B66D 1/56** (2013.01); **B66D 3/24** (2013.01)

Citation (applicant)  
• CH 423149 A 19661031 - GIS AG MASCHINENFABRIK [CH]  
• DE 10014913 A1 20011004 - MANNESMANN AG [DE]

Cited by  
US11472683B2; US7607707B2; US8608215B2; EP2876077A1; WO2015075238A1

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

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1616836 A2 20060118; EP 1616836 A3 20061102; EP 1616836 B1 20081029**; AT E412606 T1 20081115; DE 102004034588 A1 20060209; DE 502005005781 D1 20081211

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