

Title (en)  
Boom

Title (de)  
Ausleger

Title (fr)  
Flèche

Publication  
**EP 1728756 A1 20061206 (DE)**

Application  
**EP 06009560 A 20060509**

Priority  
DE 202005008602 U 20050602

Abstract (en)  
A revolving crane has a hollow boom consisting of two sections each with upper (10, 20) and lower load-bearing straps. The two sections are joined by a peg (22) at the end of a first section (24) that locates in the matching socket (12) in the second section (14). The peg is secured by a transverse bolt (40) locating through aligned holes (30) in the second section and peg. The bolt is secured by a split spring pin (50).

IPC 8 full level  
**B66C 23/70** (2006.01)

CPC (source: EP)  
**B66C 23/70** (2013.01)

Citation (applicant)  
EP 1468955 A1 20041020 - POTAIN SA [FR]

Citation (search report)  
• [XA] US 3511388 A 19700512 - MARKWARDT DONALD C  
• [XA] NL 7100830 A 19710525  
• [A] EP 1016617 A1 20000705 - MANITOWOC CRANE GROUP INC [US]

Cited by  
EP4299501A1; DE102022116387A1; WO2024003167A1

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 1728756 A1 20061206; EP 1728756 B1 20140430**; DE 202005008602 U1 20061019; ES 2464591 T3 20140603

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**EP 06009560 A 20060509**; DE 202005008602 U 20050602; ES 06009560 T 20060509