

Title (en)

Connecting device between pivot and tower for a tower crane

Title (de)

Verbindung zwischen Gelenk und Turm eines Turmdrehkrans

Title (fr)

Dispositif de liaison entre pivot et mature pour grues a tour

Publication

EP 1013601 B1 20050928 (FR)

Application

EP 99420241 A 19991213

Priority

FR 9816390 A 19981221

Abstract (en)

[origin: EP1013601A1] The coupling for the boom cap (1) of a crane on the mast (2) has fish-plates (11) fixed to its four corners and extend in the diagonal panes. A receiving socket formed of two plates (18,19) are attached to the top of the mast (2). The plates have holes which correspond when assembled to allow passage of fixing bolts.

IPC 1-7

B66C 23/28; **B66C 23/84**

IPC 8 full level

B66C 5/00 (2006.01); **B66C 23/16** (2006.01); **B66C 23/26** (2006.01); **B66C 23/28** (2006.01); **B66C 23/84** (2006.01)

CPC (source: EP KR US)

B66C 5/00 (2013.01 - KR); **B66C 23/286** (2013.01 - EP US); **B66C 23/84** (2013.01 - EP US); **Y10T 403/335** (2015.01 - EP US); **Y10T 403/75** (2015.01 - EP US)

Cited by

CN108313898A; EP1813808A3

Designated contracting state (EPC)

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EP 1013601 A1 20000628; **EP 1013601 B1 20050928**; DE 69927468 D1 20060209; DE 69927468 T2 20060622; ES 2248972 T3 20060316; FR 2787431 A1 20000623; FR 2787431 B1 20010126; JP 2000211885 A 20000802; KR 100658032 B1 20061215; KR 20000048283 A 20000725; RU 2244673 C2 20050120; US 6296419 B1 20011002

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EP 99420241 A 19991213; DE 69927468 T 19991213; ES 99420241 T 19991213; FR 9816390 A 19981221; JP 36309199 A 19991221; KR 19990059678 A 19991221; RU 99126645 A 19991220; US 44483399 A 19991122