

Title (en)
CRANE, ESPECIALLY A CRANE FOR HEAVY LOADS

Publication
EP 0354167 B1 19920909 (DE)

Application
EP 89730168 A 19890720

Priority
DE 3824732 A 19880721

Abstract (en)
[origin: EP0354167A1] The invention relates to a crane, especially a mobile crane for heavy loads, the underwagon of which has a rotary connection for a revolving superstructure which bears a jib at one end and at least one capstan at the other end. In order to design such a crane so that it can be produced with at least the same carrying capacity with simultaneous reduction of the travelling weight and shortening of equipping times in comparison with comparable devices at a lower cost and, nevertheless, has a higher degree of availability, in particular in terms of versatility of application, it is proposed that the capstans (15) are arranged on a pivot part (6) of the revolving superstructure, said pivot part being articulated so that it can be pivoted upwards via a horizontal pivot bearing (9) on the revolving superstructure centre part (5) attached to the rotary connection (3) and having at its end opposite the pivot bearing (9) a luffing gear (17) with roller head (16) for staying (25) the jib (7, 23, 24). <IMAGE>

IPC 1-7
B66C 23/36; **B66C 23/74**; **B66C 23/82**

IPC 8 full level
B66C 23/36 (2006.01); **B66C 23/74** (2006.01); **B66C 23/76** (2006.01); **B66C 23/82** (2006.01)

CPC (source: EP US)
B66C 23/36 (2013.01 - EP US); **B66C 23/76** (2013.01 - EP US); **B66C 23/82** (2013.01 - EP US)

Cited by
EP0989087A1; US6062405A; FR2719300A1; NL1014490C2; EP0779235A3; EP1000897A1; NL1010355C2; EP2014603A3; EP1616835A1; US6131751A; EP0803467A3; EP1619159A3; US6508372B1; US7896316B2; US10183848B2; US10336589B2; US11884522B2; US10179722B2; US10457530B2; US11208303B2; US11261064B2

Designated contracting state (EPC)
BE DE ES FR GB IT NL SE

DOCDB simple family (publication)
EP 0354167 A1 19900207; **EP 0354167 B1 19920909**; DE 3824732 A1 19900215; DE 58902245 D1 19921015; JP 2721998 B2 19980304; JP H0270696 A 19900309; US 5005714 A 19910409

DOCDB simple family (application)
EP 89730168 A 19890720; DE 3824732 A 19880721; DE 58902245 T 19890720; JP 18720089 A 19890719; US 38413889 A 19890721