

Title (en)

Articulated jib crane

Title (de)

Kran mit aus Gliedern bestehendem Kranarm

Title (fr)

Grue avec flèche articulée

Publication

EP 1057776 B1 20040818 (FR)

Application

EP 99810483 A 19990602

Priority

EP 99810483 A 19990602

Abstract (en)

[origin: EP1057776A1] The crane consists of a jib arm (31) mounted on the top of a mast (21, 22) and a jib head member (41) connected to the end of the arm by a pivot (45). The jib is supported by at least one stanchion (16) and a backstay (25), while the head member is divided by its pivot into a tip (43) carrying the load suspension assembly (53, 54), and a counter- member (42) which is connected to the stanchion. The movement of the head member relative to the jib arm is controlled by at least one transmission cable (51) fastened to the end of the head member and passing over the top of the mast. In addition, the jib arm can have a lengthwise channel of sufficient size to accommodate all or part of the head member.

IPC 1-7

B66C 23/26

IPC 8 full level

B66C 23/26 (2006.01)

CPC (source: EP)

B66C 23/26 (2013.01)

Cited by

US7331476B2; CN103410370A; EP1514832A1; CN102942125A; WO2005026036A1

Designated contracting state (EPC)

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