

Title (en)

Self-erecting crane with laterally foldable jib

Title (de)

Selbstaufstellender Kran mit seitlich klappbarem Ausleger

Title (fr)

Grue à montage automatisé avec flèche repliable latéralement

Publication

EP 0733583 B1 19990428 (FR)

Application

EP 96420060 A 19960226

Priority

FR 9503529 A 19950321

Abstract (en)

[origin: EP0733583A1] The crane comprises a foldable mast (6) at the top of which a foldable jib (10) is pivoted in a centred position. The jib is made from three elements (11-13) which are pivoted to each other. The pivoting axis (26) of the jib foot (11), at the top of the mast, is perpendicularly inclined to the vertical median plane of the crane in its deployed working position. The pivoting axis (37) of the intermediate jib (12) on the jib foot is inclined at an angle equal to half that of the jib foot. The jib point (13) is pivoted to the intermediate element, at the level of the upper members, about an axis (50) perpendicular to the jib median plane. The jib is thus foldable on the side of the mast for crane transportation.

IPC 1-7

B66C 23/34

IPC 8 full level

B66C 23/68 (2006.01); **B66C 23/34** (2006.01)

CPC (source: EP)

B66C 23/34 (2013.01); **B66C 23/348** (2013.01)

Cited by

US6991120B2; EP0888997A1; FR2765564A1; EP0873964A1; FR2761970A1

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EP 0733583 A1 19960925; **EP 0733583 B1 19990428**; AT E179391 T1 19990515; CN 1147476 A 19970416; DE 69602223 D1 19990602; DE 69602223 T2 19991111; ES 2132860 T3 19990816; FR 2731999 A1 19960927; FR 2731999 B1 19970530; RU 2169695 C2 20010627

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