

Title (en)
MOBILE TELESCOPIC JIB CRANE

Publication
EP 0334187 B1 19911016 (DE)

Application
EP 89104602 A 19890315

Priority
• DE 3809790 A 19880323
• DE 3812032 A 19880411
• DE 3840408 A 19881130

Abstract (en)
[origin: JPH028196A] PURPOSE: To simplify a guy of a telescopic boom by arranging a winch and a boom fixing point on both sides of the telescopic boom, and pivoting the other end of a hydraulic cylinder having one end pivoted to a base box near the middle of the pivotal axis of a guying yoke and the pivotal axis of the telescopic boom by the guying yoke. CONSTITUTION: A guide rope 28 extending from a winch 6 is adjacent to the pivotal axis of a telescopic boom 4 through a pulley 13, a pulley of a block 26 and also a pulley 14 to be fixed to a fixing point 29 set on the opposite side of the winch 6. In a hydraulic cylinder 16 for operating a guying yoke 11, one end is pivoted to the guying yoke 11, and the other end is pivoted by a hinge to a base box 3 in the middle of the pivotal axis of the telescopic boom 4 and a horizontal pivot 12 for pivoting the guying yoke 11 to the base box 3. By this constitution, a guy of the telescopic boom can be simplified.

IPC 1-7
B66C 23/42; **B66C 23/82**

IPC 8 full level
B66C 23/42 (2006.01); **B66C 23/687** (2006.01); **B66C 23/82** (2006.01)

CPC (source: EP US)
B66C 23/42 (2013.01 - EP US); **B66C 23/823** (2013.01 - EP US)

Cited by
CN102659041A; EP0637563A1; EP0779236A1; US5799807A; US11274465B2; US11754048B2

Designated contracting state (EPC)
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