

Title (en)

Track-bound mobile crane with coupled auxiliary wagon

Title (de)

Schienengebundener Mobilkran mit einem an das Kranfahrzeug gekoppelten Hilfswagen

Title (fr)

Grue mobile pour voie ferrée avec wagon auxiliaire accouplée

Publication

EP 0881190 B1 20021023 (DE)

Application

EP 98250144 A 19980424

Priority

DE 19722884 A 19970526

Abstract (en)

[origin: EP0881190A2] The secondary truck coupled to the crane vehicle has a support device for the boom head (3.3) of the boom. The boom head which can extend the boom (3) in the longitudinal axial direction is connected with vertical articulation to the boom and can be set down on the support device (6) which is fixed on the secondary truck able to swivel about a horizontal axis (10). The support device has a three-dimensional articulated abutment for the boom head which in turn can slide across the longitudinal axis of the boom on the support device. The abutment for the boom head is mounted on a support carriage freely movable with minimum friction on rails.

IPC 1-7

B66C 23/50

IPC 8 full level

B61D 15/02 (2006.01); **B66C 23/50** (2006.01)

CPC (source: EP US)

B61D 15/02 (2013.01 - EP US); **B66C 23/50** (2013.01 - EP US)

Cited by

CN103723623A; EP2907718A4; EP3521126A1; FR3077228A1

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AT BE CH DE DK ES FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

EP 0881190 A2 19981202; EP 0881190 A3 20000816; EP 0881190 B1 20021023; AT E226558 T1 20021115; DE 19722884 A1 19981210; DE 59806014 D1 20021128; DK 0881190 T3 20021125; ES 2181123 T3 20030216; JP 3069548 B2 20000724; JP H10330081 A 19981215; PT 881190 E 20030331; US 5950847 A 19990914

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EP 98250144 A 19980424; AT 98250144 T 19980424; DE 19722884 A 19970526; DE 59806014 T 19980424; DK 98250144 T 19980424; ES 98250144 T 19980424; JP 15989798 A 19980525; PT 98250144 T 19980424; US 8413898 A 19980526