

Title (en)
A MOBILE CRANE

Title (de)
MOBILKRAN

Title (fr)
GRUE MOBILE

Publication
EP 1673304 A1 20060628 (EN)

Application
EP 03818801 A 20031002

Priority
NL 0300674 W 20031002

Abstract (en)
[origin: WO2005030632A1] A mobile crane (1), preferably a self-propelled mobile crane, has a travelling base structure (2) which allows for travel of said crane over a surface. The crane further has a revolving superstructure (3) mounted on said base structure and a boom (4) and a backmast (5). The boom (4) and backmast (5) are each being hinged about an associated horizontal pivot axis to said superstructure (3). The crane further has a main load hoisting means (11, 13a) associated with said boom (4) for hoisting a load and a superstructure ballast (15), said superstructure (3) being adapted for supporting said superstructure ballast (15) thereon. The crane also has a superlift ballast (20, 20a, 20b) and associated connection means (30) serving to connect said superlift ballast (20, 20a, 20b) to said backmast (5) while said superlift ballast (20, 20a, 20b) is resting on said surface and/or suspended from said backmast above said surface. The travelling base structure is provided with superlift ballast support means (50, 55) which allow for supporting said superlift ballast (20, 20a, 20b) on said base structure (2) so that said superlift ballast (20, 20a, 20b) is movable along with the mobile crane while being supported by said base structure (2).

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