

Title (en)

Method of controlling crane boom arrangement and apparatus for implementation thereof

Title (de)

Verfahren zum Steuern eines Kranauslegers und Vorrichtung zur Durchführung des Verfahrens

Title (fr)

Procédé pour la commande d'une flèche de grue et dispositif pour la mise en oeuvre du procédé

Publication

**EP 1475345 A1 20041110 (EN)**

Application

**EP 04101857 A 20040430**

Priority

FI 20030700 A 20030509

Abstract (en)

The invention relates to a method controlling a crane boom arrangement (2, 3, 4, 5, 6), comprising moving a lifting boom (3) functionally connected by a joint (18) to a post (2) mounted in a crane base (1) by at least one lifting cylinder (7). The lifting cylinder (7) is articulated with the post (2) by a first joint (16) and connected to the lifting boom (3) movable with respect to the post (3) by a second joint (17) and it is controlled by control means (23). The invention is characterized in that the lifting boom (3) is moved with respect to the post (2) by a moment generated by an auxiliary cylinder (9) controlled by separate control means (22) about a joint (18) connecting the post (2) and the lifting boom (3) in situations where the position between the post (2) and the lifting boom (3) is such that the moment of the lifting cylinder (7) alone is insufficient for moving the lifting boom (3).  
<IMAGE>

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IPC 8 full level

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IPC 8 main group level

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CPC (source: EP)

**B66C 23/54** (2013.01); **B66C 23/545** (2013.01)

Citation (search report)

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