

Title (en)

HOOK LIFT DISPLAY APPARATUS OF CRANE AND METHOD OF DETERMINATION

Title (de)

SICHTANZEIGEGERÄT UND BESTIMMVERFAHREN FÜR DIE HÖHENLAGE EINES KRANHAKENS

Title (fr)

APPAREIL D'AFFICHAGE DE L'ELEVATION DU CROCHET D'UNE GRUE ET METHODE DE DETERMINATION

Publication

EP 0487725 B1 19960221 (EN)

Application

EP 90909368 A 19900615

Priority

JP 9000784 W 19900615

Abstract (en)

[origin: EP0487725A1] Rope movement is detected through a rope movement change quantity at predetermined time intervals and the rope movement quantity is obtained by the accumulated value of the change quantities. When a hook structure reaches a spiral length position, the accumulated rope movement value is reset automatically to zero to update the reference position of rope movement, and measurement error of rope movement is corrected. The hook structure suspension length from the tip of a boom or jib is determined from the rope movement quantity thus obtained, and the hook lift is calculated. The hook lift or hook structure position thus calculated is displayed on a display with reference to a fixed index or pattern and the operator can monitor the behavior of the hook structure on the display. <IMAGE>

IPC 1-7

B66C 13/46; **B66C 23/90**

IPC 8 full level

B66C 13/46 (2006.01); **B66C 23/90** (2006.01)

CPC (source: EP)

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