

Title (en)
Procedure for controlling a crane.

Title (de)
Verfahren zur Regelung eines Krans.

Title (fr)
Procédé de commande d'un grue.

Publication
EP 0626337 A1 19941130 (EN)

Application
EP 94108141 A 19940526

Priority
FI 932416 A 19930526

Abstract (en)
The invention relates to a procedure for controlling the traversing motion of a crane when the length (L) of its hoisting cable changes. In the procedure, the traversing motion of the crane is controlled by using motor acceleration periods (u1) determined on the basis of control commands and the length (L) of the hoisting cable is measured. According to the invention, when the length (L) of the hoisting cable changes, at least one motor acceleration period (uk) proportional at least to the hoisting speed (L') of the load and to the angular velocity (THETA ') of the load oscillation is generated. <IMAGE>

IPC 1-7
B66C 13/06

IPC 8 full level
B66C 13/22 (2006.01); **B66C 13/06** (2006.01)

CPC (source: EP)
B66C 13/063 (2013.01)

Citation (search report)
• [XY] DE 1923887 A1 19691120 - ENGLISH ELECTRIC CO LTD
• [Y] DE 4208717 A1 19921022 - KONE OY [FI]
• [A] DE 3627580 A1 19870305 - HITACHI LTD [JP]
• [A] EP 0402790 A2 19901219 - KONE OY [FI]

Cited by
WO2023179583A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0626337 A1 19941130; FI 93201 B 19941130; FI 93201 C 19950310; FI 932416 A0 19930526; JP H0769581 A 19950314

DOCDB simple family (application)
EP 94108141 A 19940526; FI 932416 A 19930526; JP 13389894 A 19940525