

Title (en)

CRANE AND METHOD FOR OPERATING A CRANE USING RECOVERY OF ENERGY FROM CRANE OPERATIONS AS A SECONDARY ENERGY SOURCE FIELD

Title (de)

KRAN UND VERFAHREN ZUM BETRIEB EINES KRANS MIT ENERGIERÜCKGEWINNUNG AUS KRANOPERATIONEN ALS SEKUNDÄRES ENERGIEQUELLENFELD

Title (fr)

GRUE ET PROCÉDÉ DESTINÉ À FAIRE FONCTIONNER UNE GRUE GRÂCE À LA RÉCUPÉRATION DE L'ÉNERGIE ISSUE D'OPÉRATIONS DE GRUTAGE SERVANT DE SOURCE D'ÉNERGIE SECONDAIRE

Publication

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Application

**EP 11794121 A 20111207**

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Abstract (en)

[origin: WO2012084508A2] A crane, in particular a large crane, including a power consumer system for providing energy, a primary energy source for feeding primary energy into the power consumer system, at least one secondary energy source, independent of the primary energy source, for feeding secondary energy into the power consumer system, at least one energy storage unit arranged locally on the crane and is, in particular, associated with the at least one crane component and connected to the power consumer system for storing primary energy and/or secondary energy, at least one drive motor connected to the power consumer system for operating at least one crane component and a secondary energy source configured such that energy returned from the crane operation is at least partially fed as secondary energy into the power consumer system. The at least one crane component is configured as a secondary energy source for energy recovery.

IPC 8 full level

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CPC (source: EP)

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