

Title (en)

LIFTING SYSTEM AND METHOD FOR A CRANE

Title (de)

HUBSYSTEM UND -VERFAHREN FÜR EINEN KRAN

Title (fr)

SYSTÈME ET PROCÉDÉ DE LEVAGE POUR UNE GRUE

Publication

EP 4091980 B1 20240221 (DE)

Application

EP 22171744 A 20220505

Priority

DE 102021113314 A 20210521

Abstract (en)

[origin: US2022371862A1] A lifting system for a crane for generating a hoist rope pretension during a travel of a suspension element of the crane is provided. The system includes a separable pretension hook block and a connected auxiliary rope that is supported in a windable and unwindable manner on an auxiliary winch on the crane, and that is guided over a deflection apparatus arranged or installable at a boom of the crane. The pretension hook block comprises two lockable hook block parts that are releasably lockable to one another, that are connected to one another via the auxiliary rope, and of which an upper hook block part has a fastening means for fastening to the suspension element of the crane and a lower hook block part has a pick-up means for fastening a weight.

IPC 8 full level

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CPC (source: EP US)

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