

Title (en)

ANTI-COLLISION MANAGEMENT SYSTEM FOR A MOBILE CRANE ON A SITE

Title (de)

STEUERUNGSSYSTEM ZUR KOLLISIONSVERMEIDUNG EINES MOBILEN KRANS AUF EINER BAUSTELLE

Title (fr)

SYSTÈME DE GESTION D'ANTICOLLISION D'UNE GRUE MOBILE SUR UN CHANTIER

Publication

**EP 3915929 B1 20230823 (FR)**

Application

**EP 21305367 A 20210324**

Priority

EP 21305367 A 20210324

Abstract (en)

[origin: WO2022200040A1] Disclosed is a system for managing collision avoidance of a first crane on a work site on which a second crane is located, the second crane being mobile, the system comprising: - a collision avoidance system of the first crane, configured so as to prevent a collision between the first crane and its environment; - a communication device configured to receive from the second crane an indication of the position of the second crane on the work site and to send to the second crane a confirmation of receipt of the indication of the position of the second crane on the site, when the indication of the position of the second crane corresponds to a distance, relative to the first crane, less than or equal to a first threshold value Zc; - a collision avoidance management module of the first crane, configured so as to activate the collision avoidance system of the first crane when the indication of the position of the second crane corresponds to a distance, relative to the first crane, less than or equal to a second threshold value Zd less than the first threshold value Zc.

IPC 8 full level

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CPC (source: EP IL US)

**B66C 13/46** (2013.01 - US); **B66C 13/48** (2013.01 - US); **B66C 15/045** (2013.01 - EP IL); **B66C 23/88** (2013.01 - US)

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