

Title (en)
Safety and steering method for cranes

Title (de)
Sicherungs- und Steuerungsverfahren für Krane

Title (fr)
Procédé de protection et de commande pour grue

Publication
EP 1894882 B1 20121205 (DE)

Application
EP 07014608 A 20070725

Priority
DE 102006040782 A 20060831

Abstract (en)
[origin: EP1894882A2] The method involves determining loss events for motion vectors of cranes, and activating a warning function, when given motion vectors lead to the loss events, where the loss events include an overload of the cranes. The motion vectors used for driving the cranes is limited to the motion vectors, which lead to loss events with none of the cranes. The overload is determined over load moment zones assigned to the respective cranes. Independent claims are also included for the following: (1) a safety system for operating a set of cranes (2) a control system for lifting and/or transporting a common load with a set of cranes (3) a control method for lifting and/or transporting a common load with a set of cranes.

IPC 8 full level
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CPC (source: EP US)
B66C 15/045 (2013.01 - EP US); **B66C 15/065** (2013.01 - EP US)

Cited by
DE102018129227A1; CN102701081A; EP2636634A1; CN108584734A; WO2024079182A1; WO2010062188A1; WO2020104273A1

Designated contracting state (EPC)
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