

Title (en)

Method and device for monitoring refrigerated containers in terminals and the like

Title (de)

Verfahren und Vorrichtung zur Überwachung von Kühlcontainern in Terminals und dergleichen

Title (fr)

Procédé et dispositif de surveillance de conteneurs de refroidissement dans des terminaux et analogues

Publication

EP 2687476 A3 20140326 (DE)

Application

EP 13003392 A 20130704

Priority

DE 102012013929 A 20120716

Abstract (en)

[origin: EP2687476A2] The method involves blocking the lifting gears (16) of the hoist by the intended movement of the refrigerated containers (1,2), while the set up-side commercial power supply is connected with the refrigerators (3,4). A port side central (21) is connected with a control system (20) for the crane via a communication link (19). An independent claim is included for a device for monitoring power connection of the cooling units of refrigerated containers.

IPC 8 full level

B66C 15/06 (2006.01); **B66C 19/00** (2006.01)

CPC (source: EP)

B66C 15/06 (2013.01); **B66C 19/00** (2013.01)

Citation (search report)

- [XA] JP H1091827 A 19980410 - SHINKURUSHIMA DOCK KK
- [A] JP 2010108714 A 20100513 - NIPPON YUSEN KK, et al
- [A] WO 9320543 A1 19931014 - CURRY JOHN R [US], et al
- [A] EP 2393055 A1 20111207 - THERMO KING CORP [US]
- [A] US 2011181391 A1 20110728 - CHU CHARLES [TW]
- [A] WO 0133149 A1 20010510 - SYNCHRO DATA LTD [IE], et al
- [AP] US 8421640 B1 20130416 - LARSON EDWARD WAYNE [US]

Cited by

CN109697562A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2687476 A2 20140122; EP 2687476 A3 20140326; EP 2687476 B1 20160316; DE 102012013929 A1 20140116;
DE 102012013929 B4 20170511; ES 2576199 T3 20160706

DOCDB simple family (application)

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