

Title (en)

Method for determining a target position for a container spreader and the container spreader

Title (de)

Verfahren zur Bestimmung einer Zielposition für ein Containergeschirr und Containergeschirr

Title (fr)

Procédé de détermination d'une position cible pour un palonnier de conteneur et le palonnier de conteneur

Publication

**EP 2574587 B1 20140625 (DE)**

Application

**EP 11183486 A 20110930**

Priority

EP 11183486 A 20110930

Abstract (en)

[origin: EP2574587A1] The method involves directly mounting a three-dimensional (3D) imaging sensor at a container spreader (1), for determining the measurement values of environment of the container spreader. The three-dimensional data is produced from the measurement values. The anchorage position of twist locks (2) in truck loading area (21) or corner castings (11) of container (10) is computed from the three-dimensional data. The target position for the container spreader, is computed from the anchorage position. Independent claims are included for the following: (1) container spreader; (2) crane; (3) industrial truck; and (4) machine readable data carrier storing program for determining target position for container spreader.

IPC 8 full level

**B66C 13/46** (2006.01)

CPC (source: EP)

**B66C 13/46** (2013.01); **B66C 13/48** (2013.01)

Cited by

EP2724972A1; CN107416665A; CN110217254A; CN113165853A; EP4159661A1; DE102012020953A1; DE102012020953B4; CN106794971A; EP3160890A4; DE102013011718A1; US12037223B2; US10421646B2; EP3000762A1; US11873195B2; US10584016B2; WO2020098933A1; DE102017112661A1; WO2018224408A1; US11702323B2

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

DOCDB simple family (publication)

**EP 2574587 A1 20130403**; **EP 2574587 B1 20140625**; CN 103030063 A 20130410; CN 103030063 B 20160914

DOCDB simple family (application)

**EP 11183486 A 20110930**; CN 201210369772 A 20120929