

Title (en)  
Beam forming for industrial system

Title (de)  
Strahlformung für Industrieanlage

Title (fr)  
Formation de faisceau pour système industriel

Publication  
**EP 2884583 A1 20150617 (EN)**

Application  
**EP 13197225 A 20131213**

Priority  
EP 13197225 A 20131213

Abstract (en)  
Wireless communication in a dynamic industrial system shall be improved. Thus, there is provided a system for industrial application including a machine (M) capable of changing its position and having machine communication means (MCM) for wireless communication and a controller (C) designed for controlling the machine (M) and having controller communication means (CCM) for wireless communication with the machine communication means (MCM). The controller (C) is capable of aligning the machine communication means (MCM) and/or the controller communication means (CCM) to each other on the basis of an instruction from the controller (C) to the machine (M) to change its position.

IPC 8 full level  
**H01Q 1/27** (2006.01); **H01Q 3/00** (2006.01); **H01Q 3/26** (2006.01)

CPC (source: EP)  
**H01Q 1/27** (2013.01); **H01Q 3/005** (2013.01); **H01Q 3/26** (2013.01)

Citation (search report)

- [XY] US 2011054690 A1 20110303 - GAL EHUD [IL]
- [XY] WO 9511828 A1 19950504 - SKYSAT COMMUNICATIONS NETWORK [US]
- [Y] US 2008316133 A1 20081225 - GUIXA ARDERIU RAMON [ES]
- [A] JP 2007002429 A 20070111 - HITACHI CONSTRUCTION MACHINERY

Cited by  
CN111512350A; WO2019238219A1; WO2020001866A1

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 2884583 A1 20150617; EP 2884583 B1 20200909; WO 2015086403 A1 20150618**

DOCDB simple family (application)  
**EP 13197225 A 20131213; EP 2014076430 W 20141203**