

Title (en)

APPARATUS FOR GENERATING ENVIRONMENT DATA AROUND CONSTRUCTION EQUIPMENT AND CONSTRUCTION EQUIPMENT INCLUDING THE SAME

Title (de)

VORRICHTUNG ZUR ERZEUGUNG VON UMGEBUNGSDATEN UM BAUAUSRÜSTUNG HERUM UND BAUAUSRÜSTUNG DAMIT

Title (fr)

APPAREIL DE GÉNÉRATION DE DONNÉES D'ENVIRONNEMENT AUTOUR D'ÉQUIPEMENT DE CONSTRUCTION ET ÉQUIPEMENT DE CONSTRUCTION LE COMPRENANT

Publication

EP 3757299 B1 20220330 (EN)

Application

EP 20182034 A 20200624

Priority

KR 20190075928 A 20190625

Abstract (en)

[origin: EP3757299A1] Disclosed is an environment data generating apparatus for generating environment data representing environment around a construction equipment. The environment data generating apparatus includes a member position data generating module which generates member position data including the coordinate of the member of the construction equipment, an environment data generating module which generates first environment data representing the environment around the construction equipment, and a data processing module which generates second environment data representing the environment around the construction equipment excluded the member of the construction equipment by excluding data representing the member of the construction equipment among the first environment data based on the member position data.

IPC 8 full level

E02F 9/26 (2006.01)

CPC (source: CN EP KR)

E02F 3/43 (2013.01 - KR); **E02F 9/24** (2013.01 - KR); **E02F 9/26** (2013.01 - CN); **E02F 9/261** (2013.01 - CN EP KR); **E02F 9/264** (2013.01 - CN EP KR)

Cited by

EP4343479A1; WO2024061996A1

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 3757299 A1 20201230; EP 3757299 B1 20220330; CN 112127417 A 20201225; CN 112127417 B 20220715; KR 20210000593 A 20210105

DOCDB simple family (application)

EP 20182034 A 20200624; CN 202010516135 A 20200609; KR 20190075928 A 20190625