

Title (en)
LEVELLING DIAGNOSTIC SYSTEM

Title (de)
NIVELLIERUNGSDIAGNOSESYSTEM

Title (fr)
SYSTÈME DE DIAGNOSTIC DE NIVELLEMENT

Publication
EP 4159924 A1 20230405 (EN)

Application
EP 21200051 A 20210930

Priority
EP 21200051 A 20210930

Abstract (en)
Method for evaluating a quality of a generated pavement or a generated surface, generated by use of a construction machine, especially a road construction machine, road finishing machine or milling machine, comprising the following steps: receiving sensor values from one or more sensors and/or a sensor system of the construction machine; determining a specific sensor value combination within the sensor values, the specific sensor value combination being assigned to a specific quality situation; and outputting an operator message dependent on the specific quality situation.

IPC 8 full level
E01C 23/01 (2006.01); **E01C 19/48** (2006.01); **E01C 23/088** (2006.01)

CPC (source: EP US)
E01C 19/201 (2013.01 - US); **E01C 19/48** (2013.01 - EP); **E01C 23/01** (2013.01 - EP); **E01C 23/088** (2013.01 - EP);
E01C 2019/2065 (2013.01 - US)

Citation (applicant)
• EP 0542297 A1 19930519 - MOBA ELECTRONIC MOBIL AUTOMAT [DE]
• EP 0547378 A1 19930623 - MOBA ELECTRONIC MOBIL AUTOMAT [DE]
• EP 3795748 A1 20210324 - MOBA MOBILE AUTOMATION AG [DE]

Citation (search report)
• [X] US 2021295486 A1 20210923 - MANSELL TODD [US]
• [X] EP 3597826 A1 20200122 - VOEGELE AG J [DE]
• [X] US 9963836 B1 20180508 - BRENNER MARK W [US], et al
• [X] DE 102010014903 A1 20111020 - BOMAG GMBH [DE]

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4159924 A1 20230405; US 2023102413 A1 20230330

DOCDB simple family (application)
EP 21200051 A 20210930; US 202217936736 A 20220929