

Title (en)

WORKING MACHINE AND METHOD FOR REDUCING THE FORMATION OF DUST DURING TRACK CONSTRUCTION WORKS

Title (de)

ARBEITSMASCHINE UND VERFAHREN ZUR REDUZIERUNG DER STAUBENTWICKLUNG BEI GLEISBAUARBEITEN

Title (fr)

ENGIN DE TRAVAIL ET PROCÉDÉ DE RÉDUCTION DU DÉGAGEMENT DE POUSSIÈRE DANS LES TRAVAUX DE CONSTRUCTION DE VOIES FERRÉES

Publication

**EP 4341491 A1 20240327 (DE)**

Application

**EP 22731076 A 20220518**

Priority

- DE 102021205190 A 20210520
- EP 2022063441 W 20220518

Abstract (en)

[origin: WO2022243374A1] The invention relates to a working machine (20) for track construction works, wherein: the working machine (20) has at least one working region (21) in which ballast (32) is moved; and high-pressure water nozzles (28) are situated on the working machine (20) near to the working region (21) and are designed to generate a water spray of a defined width and length around the working region (21). The invention also relates to a method for reducing the formation of dust during track construction works using a working machine (20) for track construction works.

IPC 8 full level

**E01B 27/00** (2006.01); **E01B 27/06** (2006.01); **E01B 27/16** (2006.01)

CPC (source: EP)

**E01B 27/00** (2013.01); **E01B 27/06** (2013.01); **E01B 27/16** (2013.01); **E01B 2203/02** (2013.01); **E01B 2203/04** (2013.01); **E01B 2203/06** (2013.01)

Citation (search report)

See references of WO 2022243374A1

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)

**DE 102021205190 A1 20221124**; EP 4341491 A1 20240327; WO 2022243374 A1 20221124

DOCDB simple family (application)

**DE 102021205190 A 20210520**; EP 2022063441 W 20220518; EP 22731076 A 20220518