

Title (en)

DEVICE FOR INDUCING MECHANICAL VIBRATIONS AND METHOD FOR INDUCING MECHANICAL VIBRATIONS

Title (de)

VORRICHTUNG ZUR INDUZIERUNG MECHANISCHER SCHWINGUNGEN UND VERFAHREN ZUR INDUZIERUNG MECHANISCHER SCHWINGUNGEN

Title (fr)

DISPOSITIF ET PROCÉDÉ D'INDUCTION DE VIBRATIONS MÉCANIQUES

Publication

**EP 4086138 A1 20221109 (EN)**

Application

**EP 21171808 A 20210503**

Priority

EP 21171808 A 20210503

Abstract (en)

A device (10) for inducing mechanical vibrations is provided, the device (10) being configured to induce mechanical vibrations at the position of the device (10) during the passage of a rail vehicle at the position of the device (10), wherein the device (10) is connectable to a rail (11) on which the rail vehicle is moving. Furthermore, a method for inducing mechanical vibrations is provided.

IPC 8 full level

**B61L 1/04** (2006.01); **B61L 1/06** (2006.01); **B61L 23/04** (2006.01); **B61L 25/02** (2006.01)

CPC (source: EP)

**B61L 1/04** (2013.01); **B61L 1/06** (2013.01); **B61L 23/044** (2013.01); **B61L 25/025** (2013.01)

Citation (search report)

- [XAI] DE 1109209 B 19610622 - STANDARD ELEKTRIK LORENZ AG
- [A] WO 2016124944 A1 20160811 - OPTASENSE HOLDINGS LTD [GB]
- [A] US 2020103223 A1 20200402 - SMITH FRANK J [US]

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 4086138 A1 20221109**; BR 112023022332 A2 20231226; TW 202300883 A 20230101; WO 2022233707 A1 20221110

DOCDB simple family (application)

**EP 21171808 A 20210503**; BR 112023022332 A 20220428; EP 2022061353 W 20220428; TW 111116684 A 20220503