

Title (en)

DEVICE FOR CREATING TRACK USE PLAN, AND METHOD FOR CREATING TRACK USE PLAN

Title (de)

VORRICHTUNG ZUR ERSTELLUNG EINES GLEISBENUTZUNGSPLANES UND VERFAHREN ZUR ERSTELLUNG EINES GLEISBENUTZUNGSPLANES

Title (fr)

DISPOSITIF DE CRÉATION D'UN PLAN D'UTILISATION DE VOIES FERRÉES, ET PROCÉDÉ DE CRÉATION D'UN PLAN D'UTILISATION DE VOIES FERRÉES

Publication

**EP 3778348 B1 20240228 (EN)**

Application

**EP 19784234 A 20190412**

Priority

- JP 2018076948 A 20180412
- JP 2019015915 W 20190412

Abstract (en)

[origin: EP3778348A1] A device for creating a track use plan of an embodiment includes a selector and an allocator. The selector selects a schedule line of a target train to which a track of a station is to be allocated out of a plurality of the schedule lines included in a schedule of the station. The allocator allocates, to the schedule line of the target train, the track according to a track condition indicating an attribute of a train allocatable to the track, and allocates, to the schedule line of the target train, the track having a shortest operation headway out of a plurality of the tracks on the basis of an operation headway on each track between the target train and a preceding train preceding the target train when the track cannot be allocated to the schedule line of the target train according to the track condition.

IPC 8 full level

**B61L 27/16** (2022.01); **B61L 27/12** (2022.01)

CPC (source: EP)

**B61L 27/12** (2022.01); **B61L 27/16** (2022.01)

Cited by

CN113428194A; CN114987581A

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 3778348 A1 20210217; EP 3778348 B1 20240228**; JP 2019182262 A 20191024; JP 7059085 B2 20220425; SG 11202009940R A 20201127; WO 2019198804 A1 20191017

DOCDB simple family (application)

**EP 19784234 A 20190412**; JP 2018076948 A 20180412; JP 2019015915 W 20190412; SG 11202009940R A 20190412