

Title (en)

FOREIGN MATTER REMOVING DEVICE FOR USE IN TURNOUT, AND METHOD FOR INSTALLING SAID DEVICE

Title (de)

VORRICHTUNG ZUM ENTFERNEN VON FREMDSTOFFEN ZUR VERWENDUNG IN WEICHEN UND VERFAHREN ZUR INSTALLATION  
DIESER VORRICHTUNG

Title (fr)

DISPOSITIF POUR ENLEVER DES MATIÈRES ÉTRANGÈRES DESTINÉ À ÊTRE UTILISÉ DANS UN BRANCHEMENT, ET PROCÉDÉ POUR  
INSTALLER CE DISPOSITIF

Publication

**EP 3168365 A1 20170517 (EN)**

Application

**EP 15194184 A 20151112**

Priority

EP 15194184 A 20151112

Abstract (en)

A foreign matter removing device Y1 for use in a turnout X1 is provided with a base rail 100 and a tongue rail 200. The foreign matter removing device Y1 is provided with an inlet member 4 including an inlet channel 44, the inlet member 4 extending in the width direction of the base rail 100 in a region lower than a bottom surface B1 of the base rail 100; and a connecting portion 22 including a communication channel 22c for communicating a nozzle portion 21 which injects a foreign matter removable medium to between the base rail 100 and the tongue rail 200, and the inlet channel 44. The connecting portion 22 is connected to one end portion 41 of the inlet member 4 in the region lower than the bottom surface B1 of the base rail 100. The other end portion 42 of the inlet member 4 disposed on the outside of the bottom surface B1 of the base rail 100 in top plan view is configured such that the operator can hold the one end portion 41 in a state that the one end portion 41 does not fall off from the connecting portion 22.

IPC 8 full level

**E01B 7/20** (2006.01); **E01B 19/00** (2006.01)

CPC (source: EP)

**E01B 7/20** (2013.01); **E01B 19/00** (2013.01)

Citation (applicant)

- JP 2013038657 A 20130221 - CANON KK
- JP 2000144602 A 20000526 - NABCO LTD, et al

Citation (search report)

- [X1] US 2993669 A 19610725 - KISTLER MAX W
- [A] EP 2765239 A1 20140813 - HIGASHI NIPPON RYOKAKU TETSUDO [JP], et al
- [A] US 4674718 A 19870623 - BJOERKLUND BJOERN [SE]

Cited by

JP2021055275A

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

DOCDB simple family (publication)

**EP 3168365 A1 20170517**; EP 3434824 A1 20190130

DOCDB simple family (application)

**EP 15194184 A 20151112**; EP 18192212 A 20151112