

Title (en)

Device for lubrication of the fixing means of the rails of a track

Title (de)

Einrichtung zum Schmieren der Schienenbefestigungsvorrichtungen eines Gleises

Title (fr)

Appareil pour la lubrification des moyens de fixation des rails d'une voie ferrée

Publication

EP 1085129 B1 20050126 (EN)

Application

EP 00810811 A 20000908

Priority

CH 168099 A 19990914

Abstract (en)

[origin: EP1085129A2] A device (1) for lubrication of the fixing means (8) of the rails (9) of a track (10) is described, said fixing means (8) being arranged on the opposite sides of each rail (9) and having a part (8s) projecting upwards, which device comprises: a body (2) containing lubricating fluid; one or more bearing members (3,4) which support said body (2) and are capable of moving in contact with the rail (9) when they are pushed by means of propulsion (7); two tubes (5,6) extending down at one end into the lubricating fluid contained in said body (2) and terminating at the other end in an ejection nozzle (5u,6u) which is directed downwards at an angle (α) in relation to the vertical, each of said two tubes (5,6) forming part of a hydraulic system (11) provided with a mechanical pump (12) of the positive-displacement type which conveys the lubricating fluid to said ejection nozzles (5u,6u) and is actuated by a striker member (13), which is articulated on the body (2) and is directed towards the bearing plane (γ) of the rail (9), when the same striker member (13) pushes against said projecting part (8s) of the fixing means (8) on account of the translation of the device (1) along the rail (9). <IMAGE>

IPC 1-7

E01B 31/00

IPC 8 full level

E01B 31/00 (2006.01)

CPC (source: EP)

E01B 31/00 (2013.01)

Cited by

CN103966931A; CN110616600A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1085129 A2 20010321; EP 1085129 A3 20010718; EP 1085129 B1 20050126; AT E287991 T1 20050215; DE 60017656 D1 20050303; DE 60017656 T2 20051229

DOCDB simple family (application)

EP 00810811 A 20000908; AT 00810811 T 20000908; DE 60017656 T 20000908