

Title (en)

IN SITU REPAIRING OF A DEFECT IN A RAILWAY RAIL

Title (de)

VERFAHREN ZUM REPARIEREN VON SCHIENEN EINES GLEISES VOR ORT

Title (fr)

PROCÉDÉ DE RÉPARATION SUR PLACE DE RAILS DE CHEMIN DE FER

Publication

EP 3258011 A1 20171220 (EN)

Application

EP 17176510 A 20170616

Priority

- NL 2016983 A 20160616
- NL 2019080 A 20170615

Abstract (en)

A method of in situ repairing of a defect (15) in a rail (10) which comprises removing a piece of rail head (14) from the upper face of the rail head so that the rail web (13) and the rail foot (12), and optionally the lower part of the rail head (14) remain unaffected, so that in the rail head a recess, preferably a hole (20) is formed, wherein the recess debouches at its upper face, and the method further comprises the filling of the recess (20) with a preformed, shape-retaining, preferably closely fitting, steel plug (21), the shape of the recess (20) and of the plug (21) being congruent in order to restore the original geometry of the rail.

IPC 8 full level

E01B 31/18 (2006.01)

CPC (source: EP)

E01B 31/18 (2013.01)

Citation (applicant)

- WO 2011119238 A1 20110929 - HOLLAND LP [US]
- US 619013 A 18990207

Citation (search report)

- [XDAI] WO 2011119238 A1 20110929 - HOLLAND LP [US]
- [XAI] FR 772282 A 19341026 - GENNEVILLIERS ACIERIES
- [XD] US 619013 A 18990207
- [A] WO 2004014708 A2 20040219 - HOLLAND LP [US], et al

Cited by

WO2019136323A1

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)

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