

Title (en)

RAILWAY FROG ADAPTED TO SEVERAL WHEEL PROFILES

Title (de)

EISENBAHNFROSCH, ANGEPASST AN VERSCHIEDENE RADPROFILE

Title (fr)

GRENOUILLE DE CHEMIN DE FER ADAPTÉE À PLUSIEURS PROFILS DE ROUES

Publication

EP 4310251 A1 20240124 (EN)

Application

EP 22315158 A 20220719

Priority

EP 22315158 A 20220719

Abstract (en)

Railway frog (1) having two wing rails (2) positioned on both sides of a nose (3), the wing rails (2) being separated with respect to the nose (3) by respective crossing flangeways (4), wherein according to a plane in section essentially perpendicular to the axis of flangeways (4), the plane in section being positioned in the area of the nose (3), the upper rolling surface of at least one of the wing rails (2) is higher than the upper surface of the tip (31) of the nose (3) and lower than the upper surface of the end of the nose (3) topping, this upper rolling surface of the wing rail (2) corresponding to an area wherein the rolling wheel is transferred from the wing rail (2) to the nose (3) of the frog (1).

IPC 8 full level

E01B 7/10 (2006.01)

CPC (source: EP)

E01B 7/10 (2013.01)

Citation (search report)

- [A] CN 104975542 A 20151014 - CHINA RAILWAY BAOJI BRIDGE GROUP CO LTD
- [A] EP 1873310 A2 20080102 - DB NETZ AG [DE]
- [A] US 5531409 A 19960702 - WILLOW ROBERT E [US]

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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DOCDB simple family (publication)

EP 4310251 A1 20240124; IL 304297 A 20240201

DOCDB simple family (application)

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