

Title (en)

SINGLE-PIECE CAST STEEL FROG FOR A RAILWAY CROSSING

Title (de)

EINSTÜCKIGES GUSSSTAHL HERZSTÜCK FÜR EINE SCHIENENKREUZUNG

Title (fr)

COEUR DE CROISEMENT D'UNE SEULE PIÈCE EN ACIER COULÉ

Publication

**EP 3102737 B1 20190529 (EN)**

Application

**EP 15709983 A 20150121**

Priority

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- HU 2015000002 W 20150121

Abstract (en)

[origin: WO2015114394A1] The subject of the invention relates to a common crossing assembly used for (traditional) wooden sleeper railway switches, where the maximum speed of railway vehicles passing through the switch in the straight direction is 120 km/h and the maximum speed in the switched direction is 40 km/h, which has wing rails, a crossing frog and fork rails and which structural parts are fixed to each other from underneath with a base plate, and flangeways run between the crossing frog and the side surfaces of the wing rails for guiding the wheels of the railway vehicle. The essence of the invention is that the common crossing assembly is established as a single member, as a cast steel piece.

IPC 8 full level

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CPC (source: EP HU)

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