

Title (en)

Railway point with flexible tongue

Title (de)

Eisenbahnweiche mit flexibler Zunge

Title (fr)

Aiguillage ferroviaire à aiguille flexible

Publication

EP 1555347 B1 20070425 (EN)

Application

EP 04380012 A 20040116

Priority

EP 04380012 A 20040116

Abstract (en)

[origin: EP1555347A1] Acute swing nose crossing comprising a fixed element (1) and a moving element (2), the moving element (2) consisting of a main point (2A) and a counterpoint (2B), the main point (2A) consisting of a front part (2A') and a rear part (2A''). The front part (2A') is made of austenitic manganese steel, for alternate coupling to either side of the fixed element (1) to constitute with them a continuous rolling path. The rear part (2A'') is made of a machined rail section and is joined to the front part (2A') by a special flash butt welding technique. The counterpoint (2B) is made of machined rail and is integrally joined to the main point (2A) by bolted unions so that the counterpoint (2B) follows the sideways motion of the main point (2A) and is perfectly coupled to it in order to form a continuous rolling path. <IMAGE>

IPC 8 full level

E01B 7/06 (2006.01)

CPC (source: EP)

E01B 7/06 (2013.01); **E01B 7/14** (2013.01)

Cited by

BE1020879A4; FR2992334A1; EP3696285A1; WO2013190206A1

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