

Title (en)
METHOD FOR PRODUCING BAINITIC RAIL STEELS, TRACK ELEMENT AND INSTALLATION FOR CARRYING OUT THE METHOD

Title (de)
VERFAHREN ZUR HERSTELLUNG VON BAINITISCHEN SCHIENENSTÄHLEN, GLEISTEIL UND EINRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)
PROCÉDÉ DE FABRICATION D'ACIERS BAINITIQUES POUR RAIL, PARTIE DE VOIE ET DISPOSITIF PERMETTANT DE METTRE EN UVRE LE PROCÉDÉ

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Application
EP 13739927 A 20130627

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Abstract (en)
[origin: WO2014040093A1] The invention relates to a track element, especially a low-alloy steel rail for rail vehicles, the steel in the rail head of the track element having a ferrite content of 5 -15 vol.-% and a multi-phase bainite structure which consists of upper and lower bainite constituents.

IPC 8 full level
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CPC (source: EP RU US)
B21B 1/085 (2013.01 - EP RU US); **C21D 1/18** (2013.01 - RU US); **C21D 1/20** (2013.01 - EP RU US); **C21D 1/613** (2013.01 - EP US); **C21D 6/002** (2013.01 - US); **C21D 6/004** (2013.01 - RU US); **C21D 6/005** (2013.01 - US); **C21D 6/008** (2013.01 - US); **C21D 8/005** (2013.01 - RU US); **C21D 9/0006** (2013.01 - US); **C21D 9/0062** (2013.01 - US); **C21D 9/04** (2013.01 - EP US); **C22C 38/02** (2013.01 - EP US); **C22C 38/04** (2013.01 - EP RU US); **C22C 38/12** (2013.01 - US); **C22C 38/22** (2013.01 - US); **C22C 38/24** (2013.01 - RU US); **C22C 38/44** (2013.01 - EP US); **C22C 38/46** (2013.01 - EP US); **E01B 5/02** (2013.01 - EP RU US); **B21B 43/00** (2013.01 - EP US); **B21B 2045/0221** (2013.01 - EP US); **C21D 1/63** (2013.01 - EP US); **C21D 2211/002** (2013.01 - EP US); **C21D 2211/005** (2013.01 - EP US)

Citation (search report)
See references of WO 2014040093A1

Cited by
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