

Title (en)
STOCK RAIL

Title (de)
BACKENSCHIENE

Title (fr)
CONTRE-AIGUILLE

Publication
EP 3743559 B1 20220316 (DE)

Application
EP 19732531 A 20190611

Priority
• AT 1702018 A 20180612
• AT 2019000016 W 20190611

Abstract (en)
[origin: WO2019237136A1] A stock rail (1) for use in a set of points, comprising a rail head (5), a rail web and a rail foot, wherein: the stock rail (1) has a first longitudinal section (3) that forms a contact region for a point rail (2), and has a second longitudinal section (4) that lies outside the contact region; the stock rail (1) has in the second longitudinal section (4) a base profile cross-section with a central axis (9) running through the centre of the rail head cross-section; the rail head (5) in the first longitudinal section (3) is machined starting from the base profile cross-section so that, in comparison with the base profile, the running edge (7) is closer to the central axis (9) of the stock rail (1); and the width of the rail head (5), at least at one first point in the first longitudinal section (3), is substantially not reduced, and the reduction in the width, at least at one second point in the first longitudinal section (3), is at its maximum. For this stock rail, the running edge (7) at the first point and the running edge (7) at the second point lie substantially on a common running edge plane (8).

IPC 8 full level
E01B 7/02 (2006.01)

CPC (source: AT EP US)
E01B 7/02 (2013.01 - AT EP US)

Citation (opposition)
Opponent : Vossloh Cogifer SA
• WO 2004003295 A1 20040108 - VAE EISENBAHNSYSTEME GMBH [AT], et al
• CN 202543735 U 20121121 - RAILWAY ENG RES INST CHINA ACADEMY RAILWAY SCIENCES
• WO 2014187437 A1 20141127 - DT V HYBKÁRNA A STROJÍRNA A S [CZ]
• AT 7310 U1 20050125 - VAE EISENBAHNSYSTEME GMBH [AT]
• CN 102031730 A 20110427 - CHINA RAILWAY BAOJI BRIDGE GROUP CO LTD
• CN 102162208 A 20110824 - PING WANG, et al
• JP 2013245537 A 20131209 - TOKAI RYOKAKU TETSUDO KK, et al
• CN 106029980 A 20161012 - UNIV LOUGHBOROUGH
• EP 3141448 A1 20170315 - VOSSLOH COGIFER [FR]
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• EP 1516091 A1 20050323 - VAE EISENBAHNSYSTEME GMBH [AT], et al
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• US 9453307 B2 20160927 - GSODAM JOHANN [AT], et al
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• KR 20110000850 A 20110106 - VOESTALPINE BWG GMBH & CO KG [DE], et al
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• CN 202055118 U 20111130 - CHINA RAILWAY BAOJI BRIDGE GROUP CO LTD
• CN 201495455 U 20100602 - CHINESE NEW TURNOUT TECHNOLOGIES CO LTD
• EUROPEAN STANDARD FRENCH STANDARD: "Railway Applications - Track Switches and crossings", EUROPEAN STANDARD FRENCH STANDARD NF EN 13232-1, 1 March 2004 (2004-03-01), pages 1 - 10, XP093094871, [retrieved on 20231025]
• KONVOLUT ZUM NACHWEIS DER OFFENKUNDIGEN VORBENUTZUNG

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