

Title (en)

An antenna arrangement and a method for determining the absolute speed of a rail vehicle

Title (de)

Antennenanordnung und Verfahren zur Bestimmung der absoluten Geschwindigkeit eines Schienenfahrzeuges

Title (fr)

Agencement d'antenne et procédé de détermination de la vitesse absolue d'un véhicule ferroviaire

Publication

EP 2851262 A1 20150325 (EN)

Application

EP 13184954 A 20130918

Priority

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Abstract (en)

The invention relates to an antenna arrangement, in particular an antenna arrangement (7, 7a) of a rail vehicle (1) for receiving signals (10) transmitted by a track-sided transmitter (9), and a method for determining an absolute speed of a rail vehicle (1), wherein the antenna arrangement (7, 7a) is mounted on a rail vehicle (1), wherein the antenna arrangement (7, 7a) comprises a first antenna element (11, 11 a) and at least another antenna element (12, 12a) for receiving a signal (10) transmitted by the track-sided transmitter (9), and wherein the first and the other antenna element (11, 11a, 12, 12a) are designed as separate antenna elements (11, 11 a, 12, 12a), wherein the first and the other antenna element (11, 11 a, 12, 12a) are arranged with a predetermined displacement (A) along a direction of travel of the rail vehicle (1).

IPC 8 full level

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B61L 3/121 (2013.01); **B61L 3/22** (2013.01); **B61L 25/021** (2013.01)

Citation (applicant)

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Citation (search report)

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