

Title (en)

A railway wagon with a rotatable loading floor

Title (de)

Eisenbahnwaggon mit drehbarem Beladungsboden

Title (fr)

Wagon ferroviaire avec plateforme de chargement rotative

Publication

EP 2388173 A2 20111123 (EN)

Application

EP 10461528 A 20100914

Priority

PL 39126910 A 20100519

Abstract (en)

A railway wagon comprising a body (10) having end portions (11, 12) mounted on bogies (14) and a middle portion (13) recessed with respect to the end portions (11, 12) along recess walls (15, 16), a loading floor (21) horizontally rotatable above the body middle portion (13) between a transport configuration in which the longitudinal axis (Lf) of the loading floor (21) overlaps the longitudinal axis (Lb) of the body (10) and the shorter edges (22, 23) of the loading floor (21) are directed towards the recess walls (15, 16), and a loading configuration in which the longitudinal axis (Lf) of the loading floor (21) is inclined with respect to the longitudinal axis (Lb) of the body (10) and the shorter edges (22, 23) of the loading floor (21) are directed towards the platform surface (51), wherein the shorter edges (22, 23) of the loading floor (21) comprise holders (24, 25) configured to support the loading floor (21) on the body (10) above the middle portion (13) in the transport configuration and to slide on guides (17, 18) formed along the recess walls (15, 16) of the body (10) during rotation between the transport configuration and the loading configuration, rollers (19) configured to support the loading floor (21) and to slide on a platform surface (51) during rotation between the transport configuration and the loading configuration.

IPC 8 full level

B61D 3/18 (2006.01)

CPC (source: EP)

B61D 3/184 (2013.01)

Citation (applicant)

US 4425064 A 19840110 - WALDA FEDDE [NL], et al

Cited by

CN110053641A; DE102017004577A1; KR101404049B1; KR101404050B1; CN110949420A; US2013272828A1; US9248984B2; US11608094B2; EP2532562A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME RS

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