

Title (en)

CARRIAGE AND SUSPENSION SYSTEM UTILIZING CARRIAGES

Title (de)

LAUFWAGEN UND AUFHÄNGESYSTEM UNTER NUTZUNG VON LAUFWAGEN

Title (fr)

CHARIOT ET SYSTÈME DE SUSPENSION UTILISANT DES CHARIOTS

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Application

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Abstract (en)

[origin: WO2009021627A1] A carriage (100) according to the invention comprises a base body (101) to which at least a first running roller (102) is fastened in a freely rotatable fashion, and a carriage suspension part (10). The carriage suspension part (10) is mounted, by an upper end section (12), on or in the base body (101) so as to be capable of pivoting with respect to the base body (101), at least about a rotational axis extending parallel to the longitudinal extent of the carriage (100). The carriage suspension part (10) is designed so as to extend with a lower end section (13) in a downward direction (-y) to a part (30) which is to be moved. The lower end section (13) is designed here to suspend the part (30) which is to be moved. A rotational axis of the at least one first running roller (102) extends transversely with respect to the downward direction (-y) and transversely with respect to a tangent of the displacement path of the at least one part (30) to be moved, in a region of the at least one first running roller (102). A suspension system according to the invention has at least a first guide rail (1, 2) and at least one part (30) to be moved. The part (30) to be moved is, according to the invention, attached in a locationally fixed fashion to second suspension parts (20) of at least two carriages (100) or is embodied in one piece with second suspension parts (20) of the carriages (100). The at least one running roller (102) is arranged so as to roll on the at least one first guide rail (1, 2).

IPC 8 full level

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