Title (en)
Running gear assembly with minimum play for a rail vehicle with radial adjustment of wheel pairs or wheel sets

Title (de)
Laufwerksanordnung mit minimalem Spiel für ein Schienenfahrzeug mit radialer Einstellung von Radkappen oder Radsätzen

Title (fr)
Assemblage de train de roues avec jeu minimal pour un véhicule ferroviaire avec réglage radial de paires de roues ou de roues d'essieux

Publication
EP 0727339 A2 19960821 (EN)

Application
EP 96200425 A 19960219

Priority
NL 9500315 A 19950217

Abstract (en)
The invention relates to a running gear assembly (1) for a rail vehicle comprising a plurality of two-wheeled running gears (2,3), at least one of which is radially steerable using steering levers (6) mutually connecting the running gears (2,3), wherein at least the one steerable running gear (2,3) comprises a ring assembly system formed by at least a first and a second ring, the first of which is connected to a sub-frame forming part of the relevant running gear (2,3) and at least the second ring is connected to one of the steering levers connecting the running gear (2,3) to other running gears (2,3) and that the running gear (2,3) comprises coupling means for mutually coupling the rings and steering levers such that the wheels forming part of the running gear (2,3) are directed substantially radially. There is a completely free choice of coupling of the four elements, first, second lever, sub-frame and wheel pair/wheel set, to the three concentric moving rings or groups of rings, the sole proviso being that the forced radial adjustment of the wheel pair/wheel set is achieved. As a result of these steps the use of hinges is eliminated as far as possible so that the danger of play occurring is as small as possible.

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