

Title (en)

DRAW AND BUFFER GEAR FOR A RAILWAY COUPLING, AND RAILWAY COUPLING

Title (de)

ZUG- UND STOSSEINRICHTUNG FÜR EINE ZUGKUPPLUNG UND ZUGKUPPLUNG

Title (fr)

ORGANE D'ENTRAÎNEMENT ET D'AMORTISSEMENT POUR ATTELAGE DE CHEMIN DE FER, ET ATTELAGE DE CHEMIN DE FER

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Application

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Abstract (en)

[origin: WO202223394A1] The invention relates to a draw and buffer gear for a railway coupling, in particular a central-buffer coupling, having a first connection which transmits tractive and compressive forces and is intended for a coupling pin; having a second connection which transmits tractive and compressive forces and is intended for securing the draw and buffer gear to a vehicle structure, the second connection being positioned remote from the first connection in an axial direction; and having a spring array which transmits tractive and compressive forces between the first connection and the second connection, wherein the spring array comprises a hydraulic damper having an axially slidable piston and a piston rod extending in the axial direction and connected to the piston. The draw and buffer gear according to the invention is characterized in that the spring array further has two separate compression springs positioned next to each other on the piston rod, which in the direction of compression of the spring array are disposed in the power flow parallel to the hydraulic damper and in series to each other, such that they mutually support each other.

IPC 8 full level

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