

Title (en)

FIFTH WHEEL COUPLING, FIFTH WHEEL COUPLING SYSTEM, UTILITY VEHICLE, AND UTILITY VEHICLE COMBINATION

Title (de)

SATTELKUPPLUNG, SATTELKUPPLUNGSSYSTEM, NUTZFAHRZEUG UND NUTZFAHRZEUGGESPANN

Title (fr)

SELLETTE D'ATTELAGE, SYSTÈME DE SELLETTE D'ATTELAGE, VÉHICULE UTILITAIRE ET ATTELAGE DE VÉHICULE UTILITAIRE

Publication

**EP 4247693 A1 20230927 (DE)**

Application

**EP 22758491 A 20220729**

Priority

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Abstract (en)

[origin: WO2023012070A1] The invention relates to a fifth wheel coupling (1), comprising a fifth wheel coupling plate (10), a plug (50), a drive (60) and a guide assembly (20) for the plug (50), wherein: the fifth wheel coupling plate (10) has a semi-trailer surface (12); the semi-trailer surface (12) has a normal (N12) pointing outward; the normal (N12) pointing outward is parallel to a height direction (H); the fifth wheel coupling plate (10) has a retraction opening (14); the retraction opening (14) extends in a retraction direction (E); the plug (50) can be moved from a first position, in particular a retracted position, into a second position, in particular an extended position, by means of the drive (60); the plug (50) is guided from the first position into the second position and/or from the second position into the first position by the guide assembly (20); between the first position and the second position, there is an offset in the height direction (H) and in the retraction direction (E).

IPC 8 full level

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CPC (source: EP US)

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