

Title (en)
RACK-AND-PINION STEERING SYSTEM COMPRISING A ONE-PIECE TRANSMISSION HOUSING

Title (de)
ZAHNSTANGENLENKUNG MIT EINTEILIGEM GETRIEBEGEHÄUSE

Title (fr)
DIRECTION À CRÉMAILLÈRE POURVUE D'UN CARTER D'ENGRENAGE EN UNE SEULE PIÈCE

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Application
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Abstract (en)
[origin: WO2018087114A1] The invention relates to a rack-and-pinion steering system for a motor vehicle, comprising a pinion shaft that is connected to a steering shaft (2) and that has a steering pinion (8) which engages with a steering rack (5) mounted to move along a longitudinal axis in a transmission housing (10), in order to pivot steerable wheels, and comprising an electric motor (12) which drives the pinion shaft by means of a reduction gear (11), wherein the entire assembly of steering rack, pinion shaft and reduction gear is accommodated in the transmission housing (10) and the transmission housing is formed as one piece (10).

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