

Title (en)
PARKING LOCK MODULE

Title (de)
PARKSPERRENMODUL

Title (fr)
MODULE DE VERROUILLAGE DE STATIONNEMENT

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Application
EP 22718679 A 20220328

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Abstract (en)
[origin: WO2022242943A1] The invention relates to a parking lock module (30) with an actuating motor (34) and a rotationally movable actuation mechanism (42). The parking lock module (30) is arranged on a transmission (24) which is driven by way of an electric machine (22). The parking lock module (30) comprises a parking lock wheel (46) which is mounted fixedly on a shaft (74) for conjoint rotation. The shaft (74) is configured in a length (76) which reduces its torsional rigidity, and is connected fixedly to a gearwheel (48, 60) of the transmission (24) for conjoint rotation. Furthermore, the invention relates to the use of the parking lock module (30) in the drive train (12) of an electrically driven vehicle, in particular a passenger car or a utility vehicle.

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