

Title (en)

AXLE DRIVE UNIT, IN PARTICULAR AN ELECTRICAL DRIVE UNIT FOR DRIVING A WHEEL AXLE OF THE TRANSAXLE TYPE

Title (de)

ACHSANTRIEBSEINHEIT, INSBESONDERE ELEKTRISCHE ANTRIEBSEINHEIT ZUM ANTRIEB EINER RADACHSE IN TRANSAXELBAUWEISE

Title (fr)

UNITE D'ENTRAINEMENT D'ESSIEU, EN PARTICULIER UNITE D'ENTRAINEMENT ELECTRIQUE SERVANT A ENTRAINER UN ESSIEU DE ROUE DE TYPE TRANSAXE

Publication

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Application

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Priority

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- EP 0104586 W 20010424

Abstract (en)

[origin: WO0186782A1] The invention relates to an axle drive unit (1), in particular an electrical drive unit, driving a wheel axle, for application in motor vehicles, with an electric motor, comprising a rotor and a stator, a gearset, comprising at least one input, which may be rotationally fixed to the rotor of the electric motor and at least one output which may be rotationally fixed to the wheel axle. The electric motor, input and output of the gearset and the wheel axle are arranged coaxially to each other. At least one converter (11) and a brake resistance unit are connected to the electric motor. The invention is characterised in that the converter (11) forms a constructional unit with the electric motor. The brake resistance unit is in the direct spatial vicinity of the electric motor and arranged around the driven and driving shaft of the electric motor or the wheel axle.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 0186782A1

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