

Title (en)
CONTROL UNIT WHICH IS DISPOSED UNDER THE STEERING WHEEL

Title (de)
UNTER DEM LENKRAD ANGEORDNETE STEUEREINHEIT

Title (fr)
MODULE DE COMMANDES SOUS LE VOLANT

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Application
EP 02779626 A 20020809

Priority
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• FR 0111408 A 20010904

Abstract (en)
[origin: WO03020552A1] The invention relates to a control unit (10) which is disposed under the steering wheel and which is used to control different motor vehicle functions such as window wiping and/or lighting. The inventive unit is of the type that comprises at least one control device (16, 18), which is controlled by the front end (20, 22) of a lever (24, 26) while the free rear end (42, 44) thereof can be actuated by the user. Said control device is at least partially disposed in the side part (28, 30) of a case which is essentially oriented in a transverse manner. The central part (34) of said case is inserted axially between the dashboard (12) and a central projecting part (40) of the steering wheel (14) which extends forward axially from the transverse plane of the rim (36) of the steering wheel (14). The inventive unit is characterised in that said side part (28, 30) is oriented along a backward inclined direction (d1, d2) in relation to the essentially transverse orientation of the case (32).

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CPC (source: EP)
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Citation (search report)
See references of WO 03020552A1

Citation (examination)
• EP 0820928 A2 19980128 - TELEFLEX INC [US]
• DE 2843022 A1 19800417 - KIRSTEN ELEKTROTECH
• US 4179592 A 19791218 - NITSCH EDWARD J [US]

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