

Title (en)
STEERING WHEEL MOUNTED DISPLAY ASSEMBLY RETAINING UPRIGHT ORIENTATION REGARDLESS OF ROTATED POSITION

Title (de)
LENKRADMONTIERTE ANZEIGEANORDNUNG MIT HALTUNG DER AUFRECHTEN POSITION UNABHÄNGIG VON DER GEDREHTEN POSITION

Title (fr)
ENSEMBLE D’AFFICHAGE MONTÉ SUR LE VOLANT DE DIRECTION CONSERVANT UNE ORIENTATION VERTICALE QUELLE QUE SOIT LA POSITION DE ROTATION

Publication
EP 4214732 A4 20240710 (EN)

Application
EP 21876209 A 20210917

Priority

- US 202063079620 P 20200917
- US 202117178881 A 20210218
- US 202117180920 A 20210222
- US 202117475494 A 20210915
- US 2021050788 W 20210917

Abstract (en)
[origin: WO2022072153A1] A steering wheel mounted visual display including a housing incorporated at a location defined within a circumference of the steering wheel and having a graphical display output. Upon rotation of the steering wheel, the display adjusts to remain in an upright orientation. The housing further includes a main lower housing and an assemble-able upper housing sandwiching a display component providing the graphical display output. The display component further includes a stationary inner component, a display support and a PCB component cooperating for auto-updating the graphical display output in response to rotation of the steering wheel.

IPC 8 full level
H01H 21/22 (2006.01); **B60K 35/10** (2024.01); **B60K 35/20** (2024.01); **B62D 1/04** (2006.01); **F16H 59/08** (2006.01); **F16H 59/10** (2006.01); **G05G 1/04** (2006.01); **G05G 5/05** (2006.01); **H01H 21/04** (2006.01); **H03K 17/96** (2006.01); **H05K 5/00** (2006.01); **B60Q 1/00** (2006.01); **B60R 11/00** (2006.01); **B60R 11/02** (2006.01); **F16H 63/42** (2006.01)

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Citation (search report)

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- [Y] DE 102005038855 A1 20070215 - TAKATA PETRI AG [DE]
- [Y] US 2007194899 A1 20070823 - LIPMAN AHARON [IL]
- [A] US 2003023353 A1 20030130 - BADARNEH ZIAD [NO]
- See also references of WO 2022072153A1

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