

Title (en)
SYSTEM INTERACTING WITH AN OCCUPANT OF A MOTOR VEHICLE

Title (de)
SYSTEM ZUR INTERAKTION MIT EINEM INSASSEN EINES KRAFTFAHRZEUGS

Title (fr)
SYSTÈME INTERACTIF AVEC UN OCCUPANT D'UN VEHICULE AUTOMOBILE

Publication
EP 3883472 A1 20210929 (FR)

Application
EP 19829282 A 20191115

Priority
• FR 1871681 A 20181121
• FR 2019052722 W 20191115

Abstract (en)
[origin: WO2020104742A1] The invention relates to a system that interacts with an occupant of a motor vehicle, comprising: - a measuring device comprising at least one sensor arranged to capture at least one parameter relating to the occupant of said vehicle, - an on-board processing unit using an evaluation model for the emotional state of the occupant, said processing unit being arranged to receive said parameter and to define a data item representative of the emotional state of said occupant using the model, - the representative data corresponding to a point in a three-dimensional space for characterising the emotional state of the occupant, and - at least one actuator configured to activate at least one multi-sensory stimulus for interaction with the occupant, said stimulus allowing the emotional state of said occupant to be altered.

IPC 8 full level
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CPC (source: EP US)
A61B 5/0077 (2013.01 - EP); **A61B 5/165** (2013.01 - EP); **A61B 5/18** (2013.01 - EP); **A61B 5/4848** (2013.01 - EP); **A61B 5/6893** (2013.01 - EP); **A61B 5/7264** (2013.01 - EP); **A61M 21/00** (2013.01 - US); **B60W 10/30** (2013.01 - US); **B60W 40/08** (2013.01 - EP US); **B60W 50/00** (2013.01 - US); **G16H 20/70** (2017.12 - US); **G16H 50/20** (2017.12 - US); **A61B 2503/22** (2013.01 - EP); **A61B 2562/0204** (2013.01 - EP); **A61B 2562/0228** (2013.01 - EP); **A61M 2021/0016** (2013.01 - US); **A61M 2021/0022** (2013.01 - US); **A61M 2021/0027** (2013.01 - US); **A61M 2021/0044** (2013.01 - US); **A61M 2205/3313** (2013.01 - US); **A61M 2205/3317** (2013.01 - US); **B60W 2040/0872** (2013.01 - EP); **B60W 2050/0029** (2013.01 - EP US); **B60W 2050/146** (2013.01 - EP); **B60W 2420/40** (2013.01 - EP US); **B60W 2420/408** (2024.01 - EP US); **B60W 2540/22** (2013.01 - US); **B60W 2556/10** (2020.02 - EP); **G16H 50/20** (2017.12 - EP)

Citation (search report)
See references of WO 2020104742A1

Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family (publication)
FR 3088604 A1 20200522; **FR 3088604 B1 20210723**; CN 113164119 A 20210723; EP 3883472 A1 20210929; US 2021394762 A1 20211223; WO 2020104742 A1 20200528

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