Title (en)
MANAGEMENT OF THE SPATIAL CONGESTION AROUND THE PATH OF A VEHICLE

Title (de)
VERWALTUNG VON RÄUMLICHER ÜBERLASTUNG UM DEN WEG EINES FAHRZEUGS HERUM

Title (fr)
GESTION DE L'ENCOMBREMENT SPATIAL AUTOUR DE LA TRAJECTOIRE D'UN VEHICULE

Publication
EP 4078559 A1 20221026 (FR)

Application
EP 20820995 A 20201211

Priority
• FR 1915150 A 20191220
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Abstract (en)
[origin: WO2021122380A1] The invention relates to devices and methods implemented by a computer for connecting between a human-machine interface (e.g. graphical), supplied with data, in particular traffic and meteorology data, and a system for computing paths (e.g. avionic flight management), for interactive exploration of usable flight paths for managing the spatial congestion around the path of a vehicle. Developments describe the particular case of an aircraft, such as mission management, the gathering of spatial, temporal or technical constraints relating to the spatial congestion within the determined potential airspace, the monitoring of changes in the spatial congestion of the airspace, excursions of the aircraft, miscellaneous displays, and in particular superimposed displays. Various types of human-machine interfaces are described, involving virtual or augmented reality and being configured to display data in 2D, 3D and/or 4D.

IPC 8 full level
G08G 5/00 (2006.01); **G08G 5/04** (2006.01)

CPC (source: EP US)
G08G 5/0013 (2013.01 - EP); **G08G 5/0021** (2013.01 - EP US); **G08G 5/0026** (2013.01 - EP); **G08G 5/0034** (2013.01 - EP US); **G08G 5/0039** (2013.01 - EP US); **G08G 5/0052** (2013.01 - US); **G08G 5/006** (2013.01 - EP); **G08G 5/0069** (2013.01 - EP); **G08G 5/0078** (2013.01 - EP); **G08G 5/0082** (2013.01 - EP); **G08G 5/0086** (2013.01 - EP); **G08G 5/0091** (2013.01 - EP); **G08G 5/045** (2013.01 - EP US)

Citation (search report)
See references of WO 2021122380A1

Designated contracting state (EPC)
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KH MA MD TN

DOCDB simple family (publication)
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FR 1915150 A 20191220; EP 2020085785 W 20201211; EP 20820995 A 20201211; US 202017787567 A 20201211