Title (en)
METHOD FOR GENERATING AND PROPAGATING IN A VEHICLE AN AUDIO ALARM WARNING AND CORRESPONDING APPARATUS

Title (de)
VERFAHREN ZUR ERZEUGUNG UND VERMISCHUNG IN EINEM FAHRZEUG EINER AUDIO ALARM WARNHINWEISE UND ENTSPRECHENDES APPARAT

Title (fr)
PROCÉDÉ DE GÉNÉRATION ET DE PROPAGATION DANS UN VÉHICULE D'UN AVERTISSEMENT D'ALARME AUDIO ET APPAREIL CORRESPONDANT

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Application
EP 18164555 A 20180328

Priority
IT 201700035966 A 20170331

Abstract (en)
Described herein is a method for generating and propagating, in a vehicle, an audio alarm warning (AL), operating with a given first class of risk in regard to functional safety (L1), which comprises: providing (105), stored, a plurality of acoustic-alarm audio signals (A i), selecting (120), in said plurality of acoustic-alarm audio signals (A i) stored, an acoustic-alarm audio signal (A i) to be propagated in the audio alarm warning (AL) and fetching said acoustic-alarm audio signal (A i), and carrying out audio reproduction (190) of said acoustic-alarm audio signal (A i)- The method described envisages: providing (105), stored, operating with a second class of risk in regard to functional safety (L2), lower than said first class of risk (L1), a plurality of combined audio signals (M i) comprising said acoustic-alarm audio signals (A i) associated to respective identification signals (C i) that represent respective identifier codes (c i), selecting (120), in said plurality of combined audio signals (M 1 , ..., M n) a combined audio signal (M i) that corresponds to the acoustic-alarm audio signal (A i) to be propagated in the audio alarm warning (AL), and fetching said combined audio signal (M k) from the plurality of combined audio signals (M i), extracting (130), from said combined audio signal (M k) fetched, said identification signal (C i), and extracting (130), from said identification signal (C i), said identifier code (c i), verifying (150), operating according to said first class of risk (L1), the correspondence between said identifier code (c k) of the combined audio signal (M k) fetched and the identifier code (c i) of the acoustic-alarm audio signal (A i) to be propagated in the audio alarm warning (AL).

IPC 8 full level
G08B 3/10 (2006.01); G08B 29/10 (2006.01)

CPC (source: EP)
G08B 3/10 (2013.01); G08B 29/10 (2013.01)

Citation (search report)
• [XI] US 2015289072 A1 20151008 - GYLLENSWARD ERIK [SE], et al
• [A] US 2010161089 A1 20100624 - PHELIPPEAU JACQUES [FR], et al

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EP4325893A1; EP4273823A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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