Title (en)

POSITION DETECTING MEANS FOR AVOIDING COLLISIONS BETWEEN VEHICLES

Title (de)

POSITIONSERFASSUNGSVORRICHTUNG ZUR VERMEIDUNG VON KOLLISIONEN ZWISCHEN FAHRZEUGEN

Title (fr)

MOYEN DE DÉTECTION DE POSITION SERVANT À ÉVITER LES COLLISIONS ENTRE VÉHICULES

Publication

EP 2831864 A1 20150204 (EN)

Application

EP 13721023 A 20130328

Priority

- GB 201205544 A 20120329
- GB 2013050823 W 20130328

Abstract (en)

[origin: GB2492435A] A collision avoidance system 10 for a large vehicle 12 (e.g. lorry) comprises means for detecting a vulnerable vehicle (e.g. bicycle 34); camera 38,39; and video display 36 that is activated to show a live feed from the camera when a vulnerable vehicle is detected. The detection means may comprise a radio receiver 30 (connected to antennas 14, 16, 18, 20) receiving a signal transmitted by a tag 32 on the bike. Alternatively vulnerable vehicles may detected by image recognition software â e.g. detecting an IR-reflective tag in the image (Fig.6). Video may be streamed from a camera selected, orientated and zoomed on the basis of the detected bicycle position. The video feed may be augmented to highlight the bike. A processor may determine whether the vulnerable vehicle is moving; likely to collide with the large vehicle; or exhibiting erratic or unpredictable motion.

IPC 8 full level

G08G 1/16 (2006.01)

CPC (source: EP)

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Citation (search report)

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