

Title (en)

A COLLISION WARNING SYSTEM AND METHOD

Title (de)

KOLLISIONSWARNSYSTEM UND VERFAHREN

Title (fr)

SYSTEME ET PROCEDE D'AVERTISSEMENT DE COLLISION

Publication

**EP 1444672 A1 20040811 (EN)**

Application

**EP 02801816 A 20021025**

Priority

- AU 0201451 W 20021025
- AU PR848601 A 20011025

Abstract (en)

[origin: WO03036586A1] The disclosed invention relates to a system for and a method of providing a collision warning to an operator of a vehicle. The disclosed system, which is operable in accordance with the disclosed method, includes a range gated visual imaging means and a processing means. The imaging means is operable to acquire a visual image of an object located within a detection zone whose location relative to the vehicle is known. The processing means is operable to process the image to determine the location of the object relative to the vehicle, determine whether the vehicle might collide with the object, and warn the operator if it is determined that the vehicle might collide with the object.

IPC 1-7

**G08G 9/02**; **G08G 5/04**; **G08G 1/16**; **G01S 17/93**

IPC 8 full level

**B64D 45/04** (2006.01); **G01S 13/935** (2020.01); **G01S 17/88** (2006.01); **G01S 17/89** (2020.01); **G01S 17/93** (2006.01); **G01S 17/933** (2020.01); **G08G 1/16** (2006.01); **G08G 5/04** (2006.01); **G01S 13/93** (2006.01); **G01S 13/94** (2006.01); **G01S 17/10** (2006.01); **G01S 17/18** (2020.01)

CPC (source: EP US)

**G01S 17/89** (2013.01 - EP US); **G01S 17/933** (2013.01 - EP US); **G08G 5/04** (2013.01 - EP); **G01S 13/935** (2020.01 - EP); **G01S 17/18** (2020.01 - EP); **G01S 2013/932** (2020.01 - EP)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

**WO 03036586 A1 20030501**; AU PR848601 A0 20011115; EP 1444672 A1 20040811; EP 1444672 A4 20060201; JP 2005538340 A 20051215

DOCDB simple family (application)

**AU 0201451 W 20021025**; AU PR848601 A 20011025; EP 02801816 A 20021025; JP 2003538999 A 20021025