Title (en)
Automatic recording system of events preceding and/or following a typical event in which a vehicle is involved

Title (de)
Automatisches Aufzeichnungssystem von Ereignissen, welche einem typischen Ereignis in welches ein Fahrzeug verwickelt ist vorausgehen oder folgen

Title (fr)
Système automatique pour enregistrer les évènements précédant et/ou suivant un évènement typique dans lequel un véhicule est impliqué

Publication
EP 0947963 B1 20030625 (EN)

Application
EP 99201011 A 19990401

Priority
IT VA980006 A 19980403

Abstract (en)
[origin: EP0947963A1] An automatic recording system of a sequence of images preceding and/or following a certain event occurred to a vehicle as an aid in corroborating testimonies, includes at least a video camera permanently mounted on the vehicle, generating a digital stream of pixels data corresponding to images acquired at a certain frame rate; a circuit for compressing and encrypting said digital data stream; a video memory buffer storing in a FIFO mode said compressed and encrypted data of a video sequence composed of a certain number of images; at least a circuit commanding the start of the system, in a first frame rate mode when starting the engine of the vehicle; at least a circuit sensing an impact or collision and commanding a stop-and-block routine of the recording system to preserve crypted nonvolatily stored data of a last acquired sequence of pictures; means for unblocking and resetting the recording system by the issue of command codes; and a microprocessor interfaced through a control bus to said circuits and to said unblocking and resetting means and to programming means. <IMAGE>

IPC 1-7
G07C 5/08

IPC 8 full level
G07C 5/08 (2006.01)

CPC (source: EP)
G07C 5/0891 (2013.01)

Cited by
ES2161128A1; EP1028395A1; GB2358325A; GB2358325B; ES2157740A1; FR2807266A1; GB2399247A; GB2364819A; GB2364819B; EP1115092A1; US6298290B1; US2008239077A1; US2022086398A1; US11627286B2; US9805432B2; WO02073544A1; WO2004107072A1; WO0131587A1; WO2005091639A1; US7663661B2; US7664183B2; WO0051083A1; US7667732B1; US7672370B1; US7697026B2; US7760230B2; US7847820B2; US8803975B2; US7529411B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0947963 A1 19991006; **EP 0947963 B1 20030625**; AT E243871 T1 20030715; DE 69909004 D1 20030731; DE 69909004 T2 20031224; DK 0947963 T3 20031020; ES 2203004 T3 20040401; IT 1305637 B1 20010515; IT VA980006 A0 19980403; IT VA980006 A1 19991003; PT 947963 E 20031031

DOCDB simple family (application)
EP 99201011 A 19990401; AT 99201011 T 19990401; DE 69909004 T 19990401; DK 99201011 T 19990401; ES 99201011 T 19990401; IT VA980006 A 19980403; PT 99201011 T 19990401