

Title (en)
ADAPTER FOR CAR RADIO.

Title (de)
ANPASSSTÜCK FÜR AUTORADIO.

Title (fr)
ADAPTATEUR POUR AUTORADIO.

Publication
EP 0232383 A4 19890216 (EN)

Application
EP 86905097 A 19860811

Priority
• US 76478685 A 19850812
• US 83281186 A 19860220
• US 88823286 A 19860729

Abstract (en)
[origin: WO8701252A1] A stereophonic or monaural adapter is connected to an FM automobile radio via the cigarette lighter of the vehicle. The adapter can connect monaural (Fig. 2) or a stereo signal (Figs. 3A and 3B) generating device, such as a cassette tape player or a compact disc player directly to the sound system of the vehicle via the cigarette lighter receptacle. A transistor modulator-oscillator (65, 71) stage is provided which generates an output (7) indicative of the stereo channels. The stereo channels (2, 4) are multiplexed as an input to the oscillator. The weak signal (7) thus generated is coupled to the vehicle's radio via the stray capacitance of the wires connected to the common power source or battery of the vehicle, and the proximity to the antenna and input stage of the vehicle's radio. The oscillator (65) is tuned to an unused location on the FM radio dial so that the audio signal generated by the cassette or compact disc player (2, 4) can be heard without interference with or from the local FM commercial radio frequencies.

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H04H 5/00; H04B 1/034

IPC 8 full level
H04B 5/00 (2006.01)

CPC (source: EP)
H04B 5/00 (2013.01); **H04B 5/22** (2024.01)

Citation (search report)
• [Y] FR 2150628 A1 19730413 - DEMARIA LAPIERRE MOLLIER
• [Y] DE 1257211 B 19671228 - TELEFUNKEN PATENT
• [A] FR 1478057 A 19670421 - TELEPRO IND INC
• [A] US 3136860 A 19640609 - HIRVELA ROBERT J, et al
• See references of WO 8701252A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
WO 8701252 A1 19870226; AU 6223886 A 19870310; BR 8606826 A 19871027; DK 188487 A 19870413; DK 188487 D0 19870413; EP 0232383 A1 19870819; EP 0232383 A4 19890216; KR 880700560 A 19880315

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