

Title (en)
AN INTEGRATED VIDEO AND AUDIO SIGNAL DISTRIBUTION SYSTEM FOR USE ON COMMERCIAL AIRCRAFT AND OTHER VEHICLES

Title (de)
INTEGRIERTES AUDIO- UND VIDEO-SIGNAL-VERTEILSYSTEM ZUR ANWENDUNG IN EINEM KOMMERZIELLEN FLUGZEUG ODER ANDEREN FAHRZEUGEN

Title (fr)
SYSTEME INTEGRE DE DISTRIBUTION DE SIGNAUX VIDEO ET AUDIO ET SON MODE D'UTILISATION SUR DES AVIONS ET AUTRES VEHICULES COMMERCIAUX

Publication
EP 0700622 A4 19980923 (EN)

Application
EP 94916809 A 19940520

Priority
• US 9405741 W 19940520
• US 6630293 A 19930520
• US 7121893 A 19930601

Abstract (en)
[origin: WO9428679A1] A passenger entertainment system employing an improved digital audio signal distribution system and method for use on commercial aircraft and other vehicles. A plurality of digital audio signal sources (12) are provided for generating a plurality of compressed digital audio signals. The compressed digital audio signals are provided to a multiplexer (14) which domain multiplexes those signals to produce a single composite digital audio data signal. The composite digital audio data signal is provided to a demultiplexer (18) which is capable of selecting a desired channel from the composite digital audio data signal. The selected channel is provided to a decompression circuit (20), where it is expanded to produce a decompressed digital output signal. The decompressed digital output signal is then provided to a digital-to-analog converter (22) and converted to an analog audio signal. The analog audio signal is provided to an audio transducer (24).

IPC 1-7
H04N 7/10

IPC 8 full level
B64D 11/00 (2006.01); **B64D 11/06** (2006.01); **G10L 19/00** (2006.01); **H04H 1/02** (2006.01); **H04H 1/10** (2006.01); **H04H 20/61** (2008.01); **H04H 20/62** (2008.01); **H04H 20/76** (2008.01); **H04J 3/16** (2006.01); **H04N 7/10** (2006.01); **H04N 7/16** (2006.01); **H04N 7/18** (2006.01); **H04N 21/233** (2011.01); **H04N 21/236** (2011.01); **H04R 3/00** (2006.01); **H04R 27/00** (2006.01); **H04R 29/00** (2006.01)

CPC (source: EP US)
B64D 11/00155 (2014.12 - EP US); **H04H 20/62** (2013.01 - EP US); **H04J 3/1605** (2013.01 - EP US); **H04N 7/10** (2013.01 - EP); **H04N 7/18** (2013.01 - EP); **H04R 29/007** (2013.01 - EP); **H04R 2227/003** (2013.01 - EP); **H04R 2499/13** (2013.01 - EP); **Y02D 30/70** (2020.08 - EP)

Citation (search report)
• [PXPA] EP 0557058 A1 19930825 - HUGHES AIRCRAFT CO [US]
• [PXPA] US 5303393 A 19940412 - NOREEN GARY [US], et al
• [XA] US 4544950 A 19851001 - TU PETER J [US]
• [XA] US 5121391 A 19920609 - PANETH ERIC [IL], et al
• [DA] US 3795771 A 19740305 - GUNDERSEN J, et al
• See references of WO 9428679A1

Designated contracting state (EPC)
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WO 9428679 A1 19941208; AU 6836294 A 19941220; AU 686167 B2 19980205; EP 0700622 A1 19960313; EP 0700622 A4 19980923; JP 2005020763 A 20050120; JP 2006227594 A 20060831; JP 3787786 B2 20060621; JP H09501280 A 19970204

DOCDB simple family (application)
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