

Title (en)
AUTOMATED INTERACTIVE MASS COMMUNICATIONS SYSTEM

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Application
EP 88903623 A 19880324

Priority
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Abstract (en)
[origin: CA1336840C] A real time automated interactive mass communications system provides communications between a central communications processor and groups of subscribers. Typically, each group is associated with a central office. A set of local communication processors are provided, each being in two-way communication with the central processor and each being linked to one of the central offices and being preferably on site. Each local communication processor includes a processor unit, an audio controller and a set of multi-line controllers. The audio controller takes audio messages received from the central processor and generates a train or delayed set of the messages which are supplied to each of the multi-line controllers. Each multi-line controller services a set of lines connected to the central office switch, receives telephone number data from the central communication processor, and calls the list of telephone numbers to which it has been assigned. Upon detecting a subscriber response, the multi-line controller selects the next occurring message in the message train for transmission to the subscriber. Subscriber responses in the form of key depressions are detected in the multi-line controllers and are used to supply data relating to the subscriber response to the central communications processor.

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IPC 8 full level
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CPC (source: EP)
H04M 3/465 (2013.01); **H04Q 11/0407** (2013.01); **H04M 2203/2016** (2013.01)

Citation (search report)
• [X] US 4696029 A 19870922 - COHEN FRED [US]
• [A] EP 0173250 A2 19860305 - TBS INT INC [US]
• [E] EP 0295837 A2 19881221 - INVENTIONS INC [US]
• [E] WO 8805239 A1 19880714 - KEMPNER M A INC [US]
• [A] WO 8501628 A1 19850411 - MANUF ADMINI & MANAGEMEND SYST [US]
• [A] RADIO AND ELECTRONIC ENGINEER. vol. 53, no. 6, June 1983, LONDON GB pages 241 - 247; D.S.Cheeseman et al.: "Voice signalling in the telephone network"
• [A] IEEE COMMUNICATIONS MAGAZINE. vol. 22, no. 7, July 1984, New York, US, pages 26 - 31; S.B.Weinstein: "Emerging telecommunications needs of the card industry"
• See references of WO 8909530A1

Designated contracting state (EPC)
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