

Title (en)
PERSONAL SIGNALLING TELEPHONE

Publication
EP 0423131 A4 19920520 (EN)

Application
EP 89904739 A 19890407

Priority
AU PI943088 A 19880725

Abstract (en)
[origin: WO9001236A1] A telephone or intercom circuit in which the entry of a first line number by the caller locates the desired receiving terminal and after the ring signal commences, the subsequent entry of a secondary code number by the caller initiates a distinct preselected tone at the receiving terminal which identifies the desired recipient of the call or the identity of the caller in accordance with the secondary code number. The circuit may comprise a system of three relays (1), (3) and (7) and five electronic subsystems i.e. a ring detector circuit (2), a pulse counter (4), a remote on-hook detector (5), an acoustic signal generator (6) and a local off hook detector (8).

IPC 1-7
H04M 1/54; H04M 1/57

IPC 8 full level
H04M 1/00 (2006.01); **H04M 1/57** (2006.01); **H04M 1/66** (2006.01); **H04M 1/663** (2006.01); **H04M 1/665** (2006.01)

CPC (source: EP KR)
H04M 1/54 (2013.01 - KR); **H04M 1/573** (2013.01 - EP); **H04M 1/665** (2013.01 - EP)

Citation (search report)

- [X] US 4598179 A 19860701 - CLARK LLOYD E [US], et al
- [XP] FR 2620886 A1 19890324 - PARIENTI RAOUL [FR]
- [Y] US 4387272 A 19830607 - CASTRO MARCELO [AR], et al
- [Y] GB 2019698 A 19791031 - FEEDBACK LTD
- [Y] WO 8403408 A1 19840830 - AMERICAN TELEPHONE & TELEGRAPH [US]
- [A] US 4304968 A 19811208 - KLAUSNER JUDAH, et al
- [A] US 4720848 A 19880119 - AKIYAMA TADAHIKO [JP]
- [A] US 4674115 A 19870616 - KALEITA DAVID L [US], et al
- [A] US 4266098 A 19810505 - NOVAK ALBERT P
- [A] US 4446334 A 19840501 - GROFF JAMES W [US]
- [A] FR 2183442 A5 19731214 - SITS SOC IT TELECOM SIEMENS [IT]
- JP-A-1046361
- PATENT ABSTRACTS OF JAPAN vol. 8, no. 81 (E-238)(1518) 13 April 1984 & JP-A-59 002 474 (YUMIKO TANAKA) 9 January 1984
- PATENT ABSTRACTS OF JAPAN vol. 10, no. 201 (E-419)(2257) 15 July 1986 & JP-A-61 043 051 (NEC CORPORATION) 1 March 1986
- PATENT ABSTRACTS OF JAPAN vol. 10, no. 233 (E-427)(2289) 13 August 1986 & JP-A-61 066 449 (MATSUSHITA ELECTRIC IND. CO. LTD.) 5 April 1986
- PATENT ABSTRACTS OF JAPAN vol. 9, no. 310 (E-364)(2033) 6 December 1985 & JP-A-60 144 055 (NIPPON DENKI K.K.) 30 July 1985
- PATENT ABSTRACTS OF JAPAN vol. 9, no. 173 (E-329)(1896) 18 July 1985 & JP-A-60 046 160 (NIHON RESUKO K.K.) 12 March 1985
- See references of WO 9001236A1

Designated contracting state (EPC)
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