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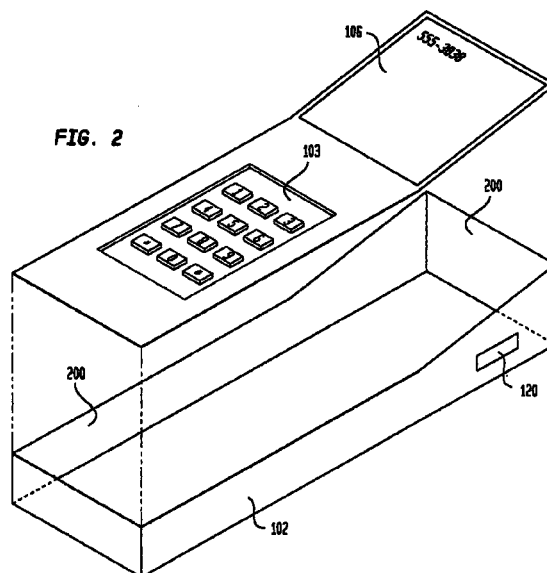
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(54) **Antenna apparatus in wireless terminals**

(57) A wireless terminal comprising a housing (102) that comprises an enclosed conductive element (200) that contains a radio has one or more openings (120) is used to provide both electromagnetic shielding and an integrated antenna. The openings (120) are excited to resonate, thereby forming a slot antenna for the radio. Multiple openings can be used to provide antenna diversity.



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EUROPEAN SEARCH REPORT

Application Number
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Place of search THE HAGUE		Date of completion of the search 25 May 2000	Examiner Ribbe, J
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EUROPEAN SEARCH REPORT

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