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(71) Applicant : **VITROSELENIA S.P.A.**
Via Tiburtina 1020
I-00131 Roma (IT)

(72) Inventor : **Ehsani, Shahrokh**
Via del Calcio, 33
I-00142 Roma (IT)

(74) Representative : **Gustorf, Gerhard, Dipl.-Ing.**
Patentanwalt Dipl.-Ing. Gerhard Gustorf
Bachstrasse 6 A
W-8300 Landshut (DE)

(54) **Antenna with multiple elements.**

(57) Antenna with multiple elements capable to overcome the rapid variations in the power received in urban areas and inside buildings.

Said antenna consists essentially of radiation elements arranged at equal distance from each other, on a circumference having a diameter ranging from $1/4$ to $1/3$ of the minimum wave length in the used band, with a flat conductor, these radiation elements having a cylindrical or conical shape.

The advantage of the invention resides in the fact that it eliminates the quick variations in the power received in mobile radios. The invention relates to the technical field of microwaves and finds its most suitable application in the field of telecommunications in urban areas.

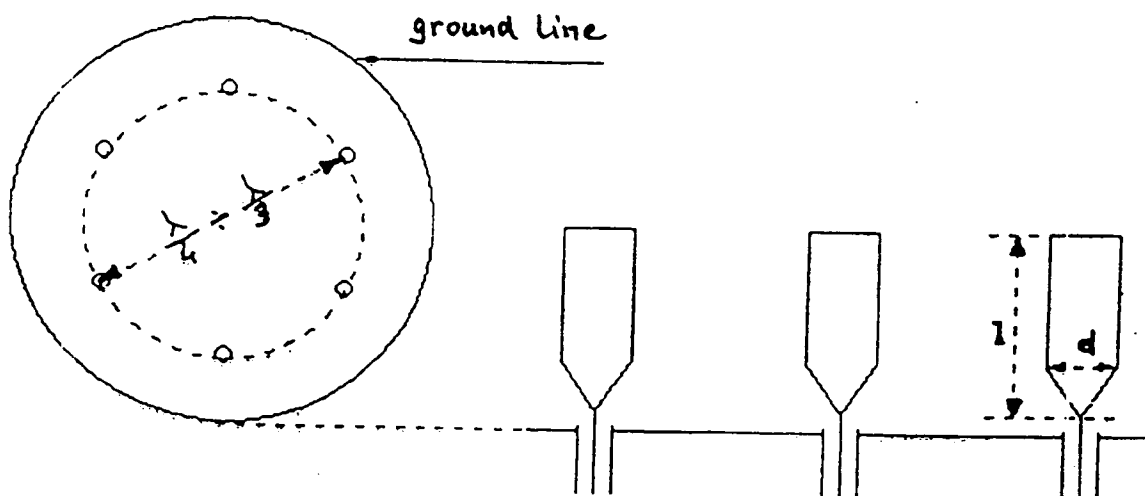


Fig. 3



European Patent
Office

EUROPEAN SEARCH REPORT

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EP 92 10 0968

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Y	IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol. 36, no. 10, October 1988, NEW YORK US pages 1365 - 1374; VAUGHAN ET AL.: 'Circular Array of Outward Sloping Monopoles for Vehicular Diversity Antennas' * page 1371, left column, last paragraph - page 1373; figure 1 *	1,2	H01Q21/20 H01Q9/40 H01Q1/32
Y	DE-A-2 428 583 (KABEL-UND METALLWERKE GUTEHOFFNUNGSHUTTE) * claims 1-3; figures 1,2 *	1,2	
A	REVIEW OF THE ELECTRICAL COMMUNICATION LABORATORIES, vol. 35, no. 2, March 1987, TOKYO JP pages 115 - 121; YAMADA ET AL.: 'Base Station/Vehicular Antenna Design Techniques Employed in High-Capacity Land Mobile Communications System' * page 116 - page 118; figures 1-5 *	1,2	
A	PATENT ABSTRACTS OF JAPAN vol. 10, no. 248 (E-431)26 August 1986 & JP-A-61 075 641 (NIPPON TELEGRAPH & TELEPHON) 18 April 1986 * abstract *	1	
A	US-A-4 750 000 (SCHROEDER) * figures 1-3,9-11 *	1	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
Place of search THE HAGUE		Date of completion of the search 20 AUGUST 1992	Examiner ANGRABEIT F. F. K.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application I : document cited for other reasons * : member of the same patent family, corresponding document			

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