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(71) Applicant *(for IT only)*: **RECORDATI INDUSTRIA CHIMICA E FARMACEUTICA S.P.A.** [IT/IT]; Via Civitali, 1, I-20148 Milano (IT).

(71) Applicant *(for all designated States except IT)*: **RECORDATI S.A., CHEMICAL AND PHARMACEUTICAL COMPANY** [CH/CH]; Piazza Boffalora 4, CH-6830 Chiasso (CH).

(72) Inventors: **LEONARDI, Amedeo**; Via Poliziano, 16, I-20154 Milano (IT). **MOTTA, Gianni**; Via Ungaretti, 10, I-20030 Barlassina (IT). **RIVA, Carlo**; Via Walder, 10, I-21100 Varese (IT). **POGGESI, Elena**; Via Ricciarelli, 37, I-20148 Milano (IT).

(74) Agent: **SERJEANTS**; 25 The Crescent, King Street, Leicester LE1 6RX (GB).

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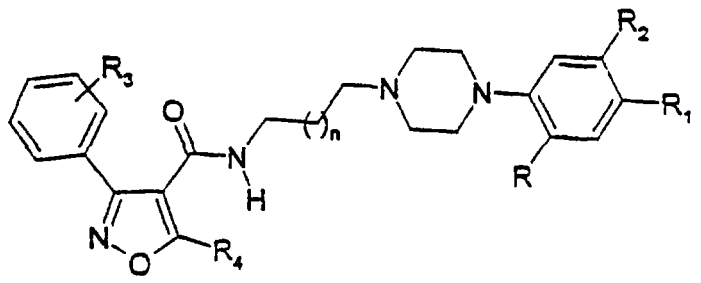
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(54) Title: ISOXAZOLECARBOXAMIDE DERIVATIVES



(I)



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(57) Abstract: Isoxazolecarboxamide derivatives (I) (R=alkyl, alkoxy, polyfluoroalkoxy, OH or CF_3SO_2O; each of R_1 and R_2 independently =H, halogen, polyfluoroalkoxy or alkoxy; R_3 = one or more substituents selected from H, halogen, alkyl, alkoxy, NO_2, NH_2, NHacyl, CN, alkoxycarbonyl, carboxamido; R_4 = H, alkyl or aralkyl; an n is 0, 1 or 2) and their N-oxides and pharmaceutically acceptable salts are endowed with adrenergic antagonist activity and high selectivity toward the α_{1a} adrenergic receptor with respect to the 5-HT_{1A} receptor. This activity profile suggests the use of these derivatives in the treatment of obstructive syndromes of the lower urinary tract, including BPH, without side effects associated with hypotensive activity being present.

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