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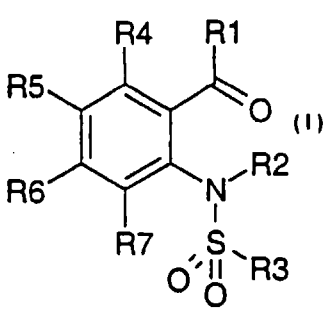
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(54) Title: ANTHRANILIC ACID AMIDES WITH A HETEROARYLSULFONYL SIDE CHAIN, METHOD FOR THE PRODUCTION THEREOF, USE THEREOF AS A MEDICAMENT OR DIAGNOSTIC AGENT AND PHARMACEUTICAL PREPARATIONS CONTAINING SAID COMPOUNDS

(54) Bezeichnung: ANTHRANILSÄUREAMIDE MIT HETEROARYLSULFONYL-SEITENKETTE, VERFAHREN ZU IHRER HERSTELLUNG, IHRE VERWENDUNG ALS MEDIKAMENT ODER DIAGNOSTIKUM SOWIE SIE ENTHALTENDE PHARMAZEUTISCHE ZUBEREITUNGEN

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(57) Abstract: The invention relates to compounds of formula (I), wherein R(1) -R(7) have the meanings cited in the claims. Said compounds act upon the Kv1.5-potassium channel and inhibit a potassium flow in the atrium of the human heart, designated as an ultra-rapidly activating delayed rectifier. As a result they are particularly suitable for use as novel antiarrhythmic active substances, especially in the treatment and prophylaxis of atrial arrhythmia, e.g. atrial fibrillation (AF) or atrial flutter.

(57) Zusammenfassung: Verbindungen der Formel (I), in der R(1) bis R(7) die in den Ansprüchen angegebenen Bedeutungen haben, wirken auf den Kv1.5-Kalium-Kanal und inhibieren einen als "ultra-rapidly activating delayed rectifier" bezeichneten Kaliumstrom im humanen Herzvorhof. Sie sind deshalb ganz besonders geeignet als neuartige antiarrhythmische Wirkstoffe, insbesondere zur Behandlung und Prophylaxe von Vorhof-Arrhythmien, z. B. Vorhofflimmern (atriale Fibrillation, AF) oder Vorhofflattern (atriales Flattern).