DERIVATIVES OF 4-(N-AZACYCLOALKYL) ANILIDES AS POTASSIUM CHANNEL MODULATORS
What is claimed is:

1. A compound of formula IA

\[ \text{IA} \]

where \( R_1 \) and \( R_2 \), are, independently, H, CN, halogen, \( \text{CH}_2\text{CN}, \text{OH}, \text{CH}_2\text{F}, \text{CHF}_2, \text{CF}_3, \text{CF}_2\text{CF}_3, \text{C}_1\text{C}_6 \text{alkyl}, \text{C}(=\text{O})\text{C}_6\text{alkyl}, \text{NH}_2\text{C}_6\text{alkyl}, \text{mC}_1\text{C}_6 \text{alkyl}, \text{NHCOCH}_3\text{alkyl}, \text{C}(\text{O})\text{N(CH}_3\text{)}_2\text{alkyl}, \text{C}(\text{O})\text{N(Et)}_2\text{alkyl}, \text{C}(\text{O})\text{NH}_2\text{alkyl}, \text{C}(\text{O})\text{NH}\text{C}_{1\text{Cr}}, \text{alkyl}, \text{SO}_2\text{NH}_2, \text{NHSO}_2\text{C}_1\text{C}_6 \text{alkyl}, \text{C}(\text{O})\text{OCI-C}_6 \text{alkyl}, \text{OC}(\text{O})\text{C}_1\text{C}_6 \text{alkyl}, \text{OC}_1\text{C}_6 \text{alkyl}, \text{SCI-C}_6 \text{alkyl}, \text{C}_3\text{C}_6 \text{cycloalkyl}, (\text{CH}_2)_m\text{C}_3\text{C}_6 \text{cycloalkyl}, \text{C}_3\text{C}_6 \text{cycloalkenyl}, (\text{CH}_2)_m\text{C}_3\text{C}_6 \text{cycloalkenyl}, \text{C}_2\text{C}_6 \text{alkenyl}, \text{C}_2\text{C}_6 \text{alkynyl}, \text{Ar}, (\text{CH}_2)_m\text{thienyl}, (\text{CH}_2)_m\text{imidazolyl (CH}_2)_m\text{pyrazyl}, (\text{CH}_2)_m\text{oxazolyl.} \]

Where \( m = \text{zero, 1 or 2, Ar is a 5- to 10-member mono- or bicyclic aromatic group,} \)

optionally containing 1-4 ring heteroatoms selected independently from N, O, and S; or \( R_1 \) and \( R_2 \), together with the ring carbon atoms to which they are attached, form a 5- or 6-member fused ring, which ring may be saturated, unsaturated, or aromatic, which optionally contains one or two heteroatoms selected independently from O, N, and S; \( R' \) is H, halogen, phenyl, 2-(N,N-dimethylamino)ethyl, \( \text{CF}_3, \text{OD-C}_3 \text{alkyl or C}_1\text{C}_3 \text{alkyl; R}_3 \) and \( R_4 \) are, independently, H, CN, halogen, \( \text{CF}_3, \text{OCF}_3, \text{OCI-C}_3 \text{alkyl, or C}_1\text{C}_3 \text{alkyl; X is O or S; Y is O or S; q = 1 or zero; R}_5 \) is \( \text{C}_1\text{C}_6 \text{alkyl, (CHR}_6\text{)}_w\text{C}_3\text{C}_6 \text{cycloalkyl, (CHR}_6\text{)}_w\text{C}_3\text{C}_6 \text{cycloalkyl, CH}_2\text{(CHR}_6\text{)}_w\text{C}_3\text{C}_6 \text{cycloalkyl, CR}_6\text{OH-C}_3\text{C}_6 \text{cycloalkyl, CHOR}_6\text{C}_3\text{C}_6 \text{cycloalkyl, (CHR}_6\text{)}_w\text{C}_3\text{C}_6 \text{cycloalkenyl, (CHR}_6\text{)}_w\text{C}_3\text{C}_6 \text{cycloalkenyl, C}_2\text{C}_6 \text{alkenyl, C}_2\text{C}_6 \text{alkynyl, Ar, (CHR}_6\text{)}_w\text{Ar, CH}_2\text{(CHR}_6\text{)}_w\text{Ar, or (CHR}_6\text{)}_w\text{CH}_2\text{Ar, where w = zero, 1, 2, or 3, Ar is a 5- to 10-member mono- or bicyclic aromatic group, optionally containing 1-4 ring heteroatoms selected independently from N, O, and S; R}_6 \) is H or \( \text{C}_1\text{C}_3 \) alkyl; where all cycloalkyl and cycloalkenyl groups optionally contain one or two ring heteroatoms
Statement under Article 19(1)

The amendments shown above, and contained in clean form on the substitute page submitted herewith represent the cancellation of two groups, amino and nitro, from the genus structure of formula IA. The amendment to claim 1, therefore, does not go beyond the disclosure in the international application as filed, and entry of the substitute page 101 is respectfully requested.

CONCLUSION

The Examiner is invited to contact the undersigned agent if there are any questions relating to this matter.