



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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| <b>(51) International Patent Classification <sup>6</sup> :</b><br><b>A61K 9/16, 9/02, 9/00, 9/48</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>A1</b> | <b>(11) International Publication Number:</b> <b>WO 98/56356</b><br><b>(43) International Publication Date:</b> 17 December 1998 (17.12.98)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>(21) International Application Number:</b> PCT/GB98/01673<br><b>(22) International Filing Date:</b> 8 June 1998 (08.06.98)<br><br><b>(30) Priority Data:</b><br>9711962.2                      10 June 1997 (10.06.97)                      GB<br><br><b>(71) Applicant (for all designated States except US):</b> RECKITT & COLMAN PRODUCTS LIMITED [GB/GB]; One Burlington Lane, London W4 2RW (GB).<br><br><b>(72) Inventor; and</b><br><b>(75) Inventor/Applicant (for US only):</b> STATHAM, Fiona, Kate [GB/GB]; Autherd Cottage, 38 East End, Walkington, Beverley HU17 8RY (GB).<br><br><b>(74) Agents:</b> DALE, Martin, Nicholas et al.; Reckitt & Colman plc, Group Patents Dept., Dansom Lane, Hull HU8 7DS (GB). |           | <b>(81) Designated States:</b> AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).<br><br><b>Published</b><br><i>With international search report.</i> |
| <b>(54) Title:</b> THERAPEUTICALLY ACTIVE COMPOSITIONS<br><br><b>(57) Abstract</b><br><br>A pharmaceutical composition for the treatment of irritable bowel syndrome which composition includes a carrier vehicle and a vanilloid compound is provided. The carrier vehicle enables the vanilloid compound to be released in the lower GI tract. The vanilloid compound has the effect of desensitising nerves in the lower GI tract leading to the relief of symptoms of irritable bowel syndrome.                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |