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(71) Applicant *(for all designated States except US)*: **ASTRAZENECA AB** [SE/SE]; S-151 85 Södertälje (SE).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **CRIERE, Bruno** [FR/FR]; 12, rue Claude Debussy, F-27930 Gravigny (FR). **NOURI, Nourredine** [FR/FR]; 10, blvd de la République, F-06400 Cannes (FR). **PILBRANT, Åke** [SE/SE]; Snödroppevägen 6, S-434 45 Kungsbacka (SE). **SUPLIE, Pascal** [FR/FR]; 11, rue du 8 mai 1945, F-27400 Montaure (FR). **ZUCCARELLI, Jean-Marc** [FR/FR]; 126, chemin de la Parouquine, F-06600 Antibes (FR).

(74) Agent: **GLOBAL INTELLECTUAL PROPERTY**; AstraZeneca AB, S-151 85 Södertälje (SE).

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WO 03/007917 A1

(54) Title: PHARMACEUTICAL FORMULATION COMPRISING A PROTON PUMP INHIBITOR AND ANTACIDS

(57) Abstract: The present invention deals with a multiparticulate tablet, which disintegrates in the mouth containing: i) a proton pump inhibiting agent, in particular of the benzimidazole type, in the form of enteric coated microgranules, which enteric coated granules are overcoated with at least one barrier coating, such as for instance a methacrylic copolymer-based protective film; ii) at least one antacid in the form of granules, for instance based on $CaCO_3$ and/or $Mg(OH)_2$ and/or $Al(OH)_3$; and, iii) a mixture of excipients comprising at least one disintegrating agent, one diluent agent, a lubricant, and optionally a swelling agent, a permeabilising agent, sweeteners, flavourings and colours. Furthermore, the present invention is directed to processes for the manufacture of the tablet and its use in the treatment of gastrointestinal disorders.