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(71) Applicant: **BioGaia AB** [SE/SE]; Kungsbrolplan 3A, P.O. Box 3242, S-103 64 Stockholm (SE).(72) Inventors: **CONNOLLY, Eamonn**; Motionsvägen 3, S-181 30 Lidingö Sweden (SE). **KUNZE, Wolfgang**; 23 Bruce Street, Hamilton, L8P 2P5 (CA). **BIENENSTOCK, John**; 436 Wellington Avenue, Toronto, M5V 1E3 (CA).(74) Agent: **OWEN, Deborah**; DEHNS, St Bride's House, 10 Salisbury Square, London EC4Y 8JD (GB).

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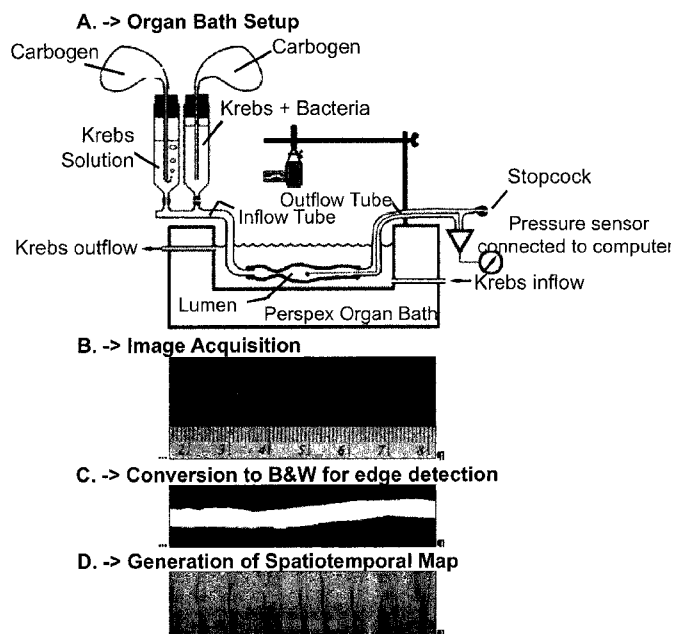
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(54) Title: A METHOD FOR SELECTION OF AGENTS INFLUENCING INTESTINAL MOTILITY DISORDERS AND PAIN

Figure 1



(57) Abstract: A method is provided for evaluating agents for the treatment of different intestinal motility disorders, using distinct methodological parts related to musculature and nerves of the GI tract which communicate with the brain. In particular, the present invention provides a method for the selection of an agent effective for the treatment of an intestinal motility disorder, wherein said method comprises: a) a step of spatiotemporal (ST) mapping carried out on a gastrointestinal segment to analyse the effect of said agent on gastrointestinal motility; and b) a step of ex vivo nerve bundle recording carried out on a gastrointestinal segment to analyse the effect of said agent on mesenteric afferent nerve firing. Bacterial strains selected by the methods of the invention and the use of said bacterial strains in the treatment of intestinal motility disorders are also provided.



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