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(71) Applicant *(for all designated States except US)*: **ZEALAND PHARMA A/S** [DK/DK]; Smedeland 26B, DK-2600 Glostrup (DK).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **PETERSEN, Jørgen, Søberg** [DK/DK]; Hellebakken 1, DK-3150 Hellebæk (DK). **NEVE, Søren** [DK/DK]; Ellevænget 4, DK-2800 Lyngby (DK). **NIELSEN, Morten, Schak** [DK/DK]; Egebjergvej 51A, DK-2750 Ballerup (DK). **MEIER, Eddi** [DK/DK]; Bringebakken 88, DK-3500 Værløse (DK). **STEINESS, Eva** [DK/DK]; Sømarksvej 11, DK-2900 Hellerup (DK). **JENSEN, Peter, Holme** [DK/DK]; Classensgade 11, 3.tv., DK-2100 Copenhagen ø (DK). **LARSEN, Bjarne, Due** [DK/DK]; Arildsgaard 5, 1. th., DK-2700 Brønshøj (DK). **HANSEN, Lars, Bo, Laurenborg** [DK/DK]; Peberhaven 19, st tv, DK-2730 Herlev (DK).

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(54) Title: COMPOSITIONS AND METHODS FOR MODULATING CONNEXIN HEMICHANNELS

(57) Abstract: Disclosed are compositions and methods for modulating hemichannel function in a cell, tissue or organ. The invention also relates to useful screens for detecting such compounds, particularly those capable of modulating connexin phosphorylation. Further provided are therapeutic methods for preventing or treating conditions impacted by undesired hemichannel function in a mammal such as heart arrhythmia.