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(71) Applicant *(for all designated States except US)*: **F. HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **MOECKS, Joachim** [DE/DE]; Max-Joseph-Strasse 9, 68167 Mannheim (DE). **STRAUSS, Andreas** [DE/DE]; Falkenstrasse 9, 82377 Penzberg (DE). **ZUGMAIER, Gerhard** [DE/DE]; Sonnenbuehl 31, 70597 Stuttgart (DE).

(74) Agents: **BURGER, Alexander** et al.; Roche Diagnostics GmbH, Patent Department (TR-E), Postfach 11 52, 82372 Penzberg (DE).

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(54) Title: METHOD FOR PREDICTING THE RESPONSE TO A TREATMENT WITH A HER DIMERIZATION INHIBITOR

(57) Abstract: The invention is related to a method of predicting the response to a treatment with a HER dimerization inhibitor in a patient comprising the steps of assessing a marker gene or a combination of marker genes selected from the group consisting of an epidermal growth factor, a transforming growth factor alpha and a HER2 marker gene or a combination of marker genes comprising an amphiregulin marker gene and a marker gene selected from an epidermal growth factor, a transforming growth factor alpha and a HER2 marker gene in a biological sample from the patient and predicting the response to the treatment with the HER dimerization inhibitor in the patient by evaluating the results of the first step. Further uses and methods wherein these markers are used are disclosed.

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