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(71) Applicant *(for all designated States except US)*: **BOEHRINGER INGELHEIM INTERNATIONAL GMBH** [DE/DE]; Binger Strasse 173, 55216 Ingelheim am Rhein (DE).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **ARAO, Tokuzo** [JP/JP]; 377-2 Ohno-Higashi, Osaka-Sayama, Osaka 589-8511 (JP). **KUDO, Kanae** [JP/JP]; 377-2 Ohno-Higashi, Osaka-Sayama, Osaka 589-8511 (JP). **NAKAGAWA, Kazuhiko** [JP/JP]; 377-2 Ohno-Higashi, Osaka-Sayama, Osaka 589-8511 (JP). **NISHIO, Kazuto** [JP/JP]; 377-2 Ohno-Higashi, Osaka-Sayama, Osaka 589-8511 (JP).

(74) Agents: **HAMMANN, Heinz** et al.; Boehringer Ingelheim GmbH, Binger Strasse 173, 55216 Ingelheim am Rhein (DE).

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(54) **Title**: METHOD OR SYSTEM USING BIOMARKERS FOR THE MONITORING OF A TREATMENT

(57) **Abstract**: The present invention relates to biomarkers to monitor the activity of the compound 3-Z-[1-(4-(N-((4-methylpiperazin-1-yl)-methylcarbonyl)-N-methyl-amino)-anilino)-1- phenyl-methylene]-6-methoxycarbonyl-2-indolinone or a pharmaceutically acceptable salt thereof, and especially its monoethanesulphonate salt form, when used alone or optionally in combination with further pharmaceutically active ingredients and/or further treatments, such as for example radiotherapy.