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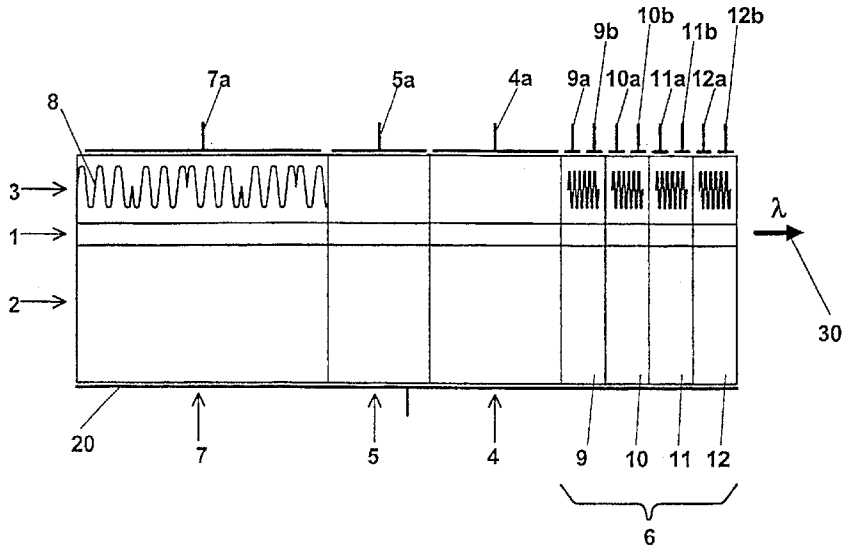
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(54) Title: 2-PHENYL BENZIMIDAZOLES AND IMIDAZO-[4,5]-PYRIDINES AS CDSI/CHK2-INHIBITORS AND ADJUVANTS TO CHEMOTHERAPY OR RADIATION THERAPY IN THE TREATMENT OF CANCER



(57) Abstract: 2-Aryl substituted benzimidazoles and imidazo[4,5]pyridines of formula (I) are disclosed as inhibitors of Cds1 and useful as adjuvants to chemotherapy or radiation therapy in the treatment of cancer. wherein W is COOH, -(CO)NHR?1¿, or -(SO=¿2?)NHR?1¿ R?1¿ is H or C¿1-4?alkyl; Q is N or CH; R¿a? and R¿b? are H or halogen; Y, Y¿1? and Y¿2? are independently selected from N and C-R¿c? with the proviso that 0, 1 or 2 of Y, Y¿1? and Y¿2? are N and at least 2 of R¿c? must be hydrogen; R¿c? are independently selected from the group consiting of -H, -OH, -C¿1-6?alkyl, -SCF¿3?, halo, -CF¿3? and -OCF¿3?; Z is selected from the group consisting of O, S, SO, SO¿2?, SO¿2?NR?2¿, NR?2¿SO¿2?, NH, CONR?2¿, piperazin-diyl or a covalent bond; R?2¿ is H or C¿1-4?alkyl; AR¿1? is an aromatic group as defined in the claims.

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