

Title (en)
TAXOL AS A RADIATION SENSITIZER.

Title (de)
TAXOL ALS SENSIBILISIERUNGSMITTEL FÜR STRAHLUNG.

Title (fr)
TAXOL UTILISE COMME SENSIBILISATEUR AUX RAYONNEMENTS.

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Application
EP 92915821 A 19920131

Priority
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• US 9200851 W 19920131

Abstract (en)
[origin: WO9314787A1] This invention provides a method of increasing sensitivity of cells to cytotoxic effects of ionizing radiation which includes incubating the cells with spindle poison in suitable carrier at a concentration effective to inhibit the cells from progressing through G2 or M phases of the cell cycle for a time effective to inhibit division of the cells and then administering a cytotoxic dose of ionizing radiation to the cells. This invention also provides a method of treating a cancer patient which comprises administering to patient a spindle poison in suitable carrier in an amount effective to inhibit tumor cells in the patient from progressing through G2 or M phases of the cell cycle for an amount of time effective to inhibit division of the tumor cells and then administering a cytotoxic dose of ionizing radiation to the patient. This invention further provides a method for increasing the sensitivity of cells to bleomycin and a kit useful for treating cancer patients.

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Citation (search report)
• [E] WO 9219765 A1 19921112 - US HEALTH [US]
• [A] RADHEY S. GUPTA: "GENETIC, BIOCHEMICAL, AND CROSS-RESISTANCE STUDIES WITH MUTANTS OF CHINESE HAMSTER OVARY CELLS RESISTANT TO THE ANTICANCER DRUGS, VM-26 AND VP16-213.", CANCER RES., vol. 43, no. 4, April 1983 (1983-04-01), pages 1568 - 1574
• See references of WO 9314787A1

Designated contracting state (EPC)
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