

Title (en)
METHOD FOR DETECTING AND KILLING EPITHELIAL CANCER CELLS

Title (de)
VERFAHREN ZUR LOKALISIERUNG UND ZUM ABTÖTEN VON EPITHELIALEN KREBSZELLEN

Title (fr)
PROCEDE POUR DETECTER ET TUER LES CELLULE DU CANCER EPITHELIAL

Publication
EP 1214101 A4 20050413 (EN)

Application
EP 01916271 A 20010227

Priority
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• US 0005387 W 20000228

Abstract (en)
[origin: WO0164255A1] A diagnostic method for detecting cancerous epithelial cells by selectively marking the mitochondria of the cancer cells, by delivering to the epithelium a cationic supravital mitochondrial marking agent. Selective killing of cancerous epithelial cells in the presence of normal cells is effected by delivering a cationic supravital mitochondrial marking agent to epithelial cancer cells. The killing agent can also comprise the reaction product of the marking agent and a cancer chemotherapeutic drug or in admixture with drug.

IPC 1-7
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IPC 8 full level
C12Q 1/02 (2006.01); **A61K 45/00** (2006.01); **A61K 47/22** (2006.01); **A61K 47/48** (2006.01); **A61K 49/00** (2006.01); **A61P 35/00** (2006.01); **G01N 1/30** (2006.01)

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A61K 49/00 (2013.01 - KR); **A61K 49/006** (2013.01 - EP); **A61P 35/00** (2017.12 - EP); **G01N 1/30** (2013.01 - EP)

Citation (search report)
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• [PA] WO 0037107 A2 20000629 - SEARLE & CO [US], et al
• [E] WO 0226266 A1 20020404 - ZILA INC [US], et al
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