

Title (en)
METHOD AND DEVICE FOR PROBING MATERIAL BY PHOTOFISSION

Title (de)
VERFAHREN UND EINRICHTUNG ZUM SONDIEREN VON MATERIAL DURCH PHOTOFISSION

Title (fr)
PROCÉDÉ ET DISPOSITIF POUR SONDER LA MATIÈRE NUCLÉAIRE PAR PHOTOFISSION

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Application
EP 05777236 A 20050614

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• FR 0406735 A 20040621

Abstract (en)
[origin: WO2006008360A1] The invention relates to a method and system for probing an object, which contains potentially radioemitting elements, by photofission. The object is bombarded by a beam of electrons of sufficient power and the conversion thereof into photons by Bremsstrahlung is effected directly inside the object to be probed, which is likely to contain photofissile material. No target is added to the packet for said conversion. Preferably, the object that is to be probed is a radioactive waste packet having a thick absorbent concrete container.

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G01T 1/167 (2006.01); **G01T 3/00** (2006.01)

CPC (source: EP US)
G01T 1/167 (2013.01 - EP US); **G01T 3/00** (2013.01 - EP US)

Citation (search report)
See references of WO 2006008360A1

Citation (examination)
US 4320298 A 19820316 - BUFORD JR WILLIAM H, et al

Cited by
CN108344757A

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