

## X-Ray memory as well as its use

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### Streszczenie

The subject of the present invention is an X-ray memory characterised in that it contains a matrix of lutetium trioxide  $\text{Lu}_2\text{O}_3$  doped with praseodymium and niobium or titanium, as well as the use of the aforementioned material in medical diagnostics and radiation dosimetry.