

Title (en)  
COOLING DEVICE FOR AN X RAY TUBE

Publication  
**EP 0268516 B1 19910724 (FR)**

Application  
**EP 87402390 A 19871023**

Priority  
FR 8614978 A 19861028

Abstract (en)  
[origin: US4780901A] A device is disclosed for the cooling of an X-ray tube contained in a casing, using a fluid put into forced circulation in a cooling circuit comprising a heat exchanger. The device of the invention can be used to obtain efficient cooling while, at the same time, using a small volume of fluid and a heat exchanger of smaller size than in the prior art. To this end, the cooling circuit comprises means to, firstly, store a quantity of heat accumulated by the fluid when the latter reaches a pre-determined temperature during an examination period and, secondly, to restore this quantity of heat during an idle period which follows the examination period.

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**H01J 35/10**; **H05G 1/04**

IPC 8 full level  
**H01J 35/10** (2006.01); **H05G 1/04** (2006.01)

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**H01J 35/106** (2013.01 - EP US); **H05G 1/025** (2013.01 - EP US); **H05G 1/04** (2013.01 - EP US)

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