

Title (en)

Device for concentrating technetium-99m pertechnetate and method thereof

Title (de)

Vorrichtung zur Konzentration des 99m-Technetium-Pertechnetat und Verfahren dazu

Title (fr)

Dispositif de concentration du pertechnétate de Technetium-99m et procédé correspondant

Publication

EP 1870906 B1 20130814 (EN)

Application

EP 06012651 A 20060620

Priority

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Abstract (en)

[origin: EP1870906A1] A device for concentrating 99m Tc pertechnetate and a method thereof are disclosed. The device includes a concentration device, a control device and a central processing unit. The concentration device is for concentrating 99m Tc pertechnetate, the control device connects with each members of the concentration device, and the central processing unit is used for saving an automatic control program. The automatic control program is run by the central processing unit so as to detect and monitor weight as well as activity of the concentrated 99m Tc pertechnetate. Due to the automatical control, the concentration quality and production efficiency of the 99m Tc pertechnetate are improved. Moreover, the radiation dose received by users is reduced.

IPC 8 full level

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CPC (source: EP)

G21G 1/0005 (2013.01); **G21G 4/08** (2013.01); **G21G 2001/0042** (2013.01)

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