

Title (en)
DEVICE FOR THERMAL STABILISATION OF AN OBJECT TO BE COOLED

Title (de)
VORRICHTUNG ZUR THERMISCHEN STABILISIERUNG EINES ZU KÜHLENDEN OBJEKTES

Title (fr)
DISPOSITIF DE STABILISATION THERMIQUE D'UN OBJET A REFROIDIR

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Application
EP 01949542 A 20010627

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Abstract (en)
[origin: WO0201128A1] The invention concerns a device for thermal stabilisation of an object (20) to be cooled at a temperature of the order of 6 to 25 K by circulation. The invention is characterised in that it comprises a pressurised Dewar vase (10) to supply a gas, a coaxial exchanger (11) for pre-cooling the gas; a cryostat (16) wherein the object to be cooled is placed; a coaxial siphon (13) for transporting the gas from the Dewar vase to the cryostat, said coaxial siphon comprising, inside, at least a screen (14) for thermal filtering of the gas, and an outlet (17) with variable flow rate for evacuating the gas.

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