

Title (en)
TEMPERATURE-REGULATING DEVICE FOR LABORATORY VESSELS

Title (de)
TEMPERIERVORRICHTUNG FÜR LABERGEFÄSSE

Title (fr)
DISPOSITIF DE THERMORÉGULATION POUR RÉCIPIENTS DE LABORATOIRE

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Abstract (en)
[origin: WO2020016219A1] The invention relates to a temperature-regulating device for receiving laboratory vessels, which device has a hollow housing filled with a temperature-regulating medium. The temperature-regulating device is thermally conditioned before use, and during use the conditioned thermal energy is either received from the laboratory vessels or emitted to said vessels in a finite time sequence. The housing has a base at the bottom and opposite that at the top a receiving region which delimits the hollow inner region of the housing towards the top. Inwardly directed recesses on the receiving region serve as receptacles for the laboratory vessels to be temperature-regulated. An air space separated from the inner region is provided in the hollow housing. In the inner region, the temperature-regulating medium flows at least partially around and/or through a horizontally extending absorber element and is thermally conductively connected to the receiving region. The laboratory vessels inserted into the recesses in the receiving region are thus kept at a constant temperature by the temperature regulating medium over a relatively long time period.

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