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## ABSTRACT

## VAPOUR-STERILISABLE BLOOD SEPARATING DEVICE

The invention relates to a device (1) for separating blood into individual components and/or groups of components, in the form of a sterilisable system comprising a filter arrangement (2), which forms an inlet chamber (4) and an outlet chamber (5) by means of filter elements (3) which are arranged therein, a receptacle (6) for cellular blood components and a receptacle (7) for blood plasma. The inlet chamber (4) of the filter arrangement (2) can be connected to the blood source (10) via a line on the inlet side to conduct the blood and is connected, on the outlet side, to the receptacle (6) for cellular components of the blood. The outlet chamber (5) is connected to the receptacle (7) for blood plasma via a line on the outlet side. The aim of the invention is to use thermal sterilisation, in particular vapour sterilisation, in order to sterilise said device. Said aim is achieved by virtue of the fact that a respective line (17, 20) opens into the inlet-side line (14) of the inlet chamber (4) or into the inlet chamber (4) and the outlet-side line (20) of the outlet chamber (5) or into the outlet chamber (5), said line being connected to the exterior via a hydrophobic or hydrophilic filter, in particular hydrophobic or hydrophilic bacteria filter (18, 21).

FIGURE 1

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