

Title (en)

DEVICE AND METHOD FOR THE SEPARATION OF A CELL SUSPENSION, IN PARTICULAR FOR THE ISOLATION OF AT LEAST ONE BLOOD COMPONENT FROM WHOLE BLOOD

Title (de)

VORRICHTUNG UND VERFAHREN ZUM SEPARIEREN EINER ZELLSUSPENSION, INSBESONDERE ZUM ABTRENNEN MINDESTENS EINER BLUTKOMPONENTE AUS VOLLBLUT

Title (fr)

DISPOSITIF ET PROCÉDÉ DE SÉPARATION D'UNE SUSPENSION CELLULAIRE, NOTAMMENT DE SÉPARATION D'AU MOINS UN CONSTITUANT SANGUIN À PARTIR DE SANG ENTIER

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Application

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Abstract (en)

[origin: WO2008107167A1] The invention relates to a device for the separation of a cell suspension, in particular for the isolation of at least one blood component from whole blood, the device comprising a drive unit (12) that has a receiving unit (13) for a centrifuge chamber embodied as a bag (1). The receiving unit (13) for the blood bag has a substantially cylindrical contact surface (15'), which extends around the rotational axis (3) of the drive unit. The bag resting against the cylindrical contact surface defines the shape of a cylinder. A preferred embodiment of the separation device according to the invention provides for a cylindrical contact surface (15') with a radially outward location and a cylindrical contact surface (14') with a radially inward location, between which a gap (16) is formed for inserting the blood bag (1). The blood bag (1) is provided such that it may be handled like a conventional blood donation bag.

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