

Title (en)

STERILE CONNECTOR FOR THE STERILE TRANSFER OF A LIQUID MEDIUM

Title (de)

STERILVERBINDER FÜR DEN STERILEN TRANSFER EINES FLÜSSIGEN MEDIUMS

Title (fr)

CONNECTEUR STÉRILE DESTINÉ AU TRANSFERT STÉRILE D'UN MILIEU LIQUIDE

Publication

EP 3973044 A1 20220330 (DE)

Application

EP 20732521 A 20200605

Priority

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- EP 2020065686 W 20200605

Abstract (en)

[origin: WO2020259985A1] The invention relates to a sterile connector for the sterile transfer of a liquid medium, in particular a biological medium, from a liquid container (2) into a fluid chamber (3, 3'), wherein the sterile connector (1) has a first coupling device (5) and a second coupling device (6). It is proposed that the first coupling device (5) has a fluid inlet (7) and a fluid outlet (8) and also a first cannula (9), the latter having an end which is directed away from the fluid inlet (7) and forms the fluid outlet (8), that the second coupling device (6) has a fluid passage (10) which, in an initial state of the sterile connector (1), is covered axially by a first septum (11), that the fluid outlet (8), in the initial state of the sterile connector (1), is arranged in a hermetically sealed region of the first coupling device (5) and the surface (11a) of the first septum (11) facing axially away from the fluid passage (10) is arranged in a hermetically sealed region of the second coupling device (6), and that, in a fluidic connection process starting from the initial state of the sterile connector (1), a fluidic connection between the fluid inlet (7) and the fluid passage (10) can be produced by the fact that the end of the first cannula (9) forming the fluid outlet (8) pierces the first septum (11) of the second coupling device (6).

IPC 8 full level

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Citation (search report)

See references of WO 2020259985A1

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