

Title (en)

METHOD AND DEVICE FOR THE CONTAMINATION-FREE MIXING OF FLUIDS

Publication

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Application

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Priority

DE 3512779 A 19850410

Abstract (en)

[origin: EP0197383A2] The invention relates to a method for contamination-free mixing of two fluids, contained in non-deformable vessels, in a predetermined volume ratio of the components for parenteral alimentation, both vessel volumes being connected to one another by a transfer device, the vessel containing the one component being filled only partially, leaving an empty space corresponding at least to the volume of the other component, and air being evacuated from the empty space. For use, first the vessel containing the other component, and then the vessel containing the empty space, are connected to the transfer device, and the vessel containing the other component is aerated via the fluid flowing out. The invention moreover relates to a transfer device for carrying out the method, the device having a single-channel connection line, which is provided at both ends with in each case a puncturing attachment and a sealable aeration arrangement. <IMAGE>

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Citation (search report)

- [X] FR 1337376 A 19630913 - DEBAT LAB
- [X] FR 2487680 A3 19820205 - LEFRANCQ LABORATOIRES [FR]
- [A] US 2923294 A 19600202 - REIMANN ROBERT C, et al
- [A] US 4346703 A 19820831 - DENNEHEY T MICHAEL, et al

Cited by

US6021824A; GB2303799A; US5801052A; GB2303799B; WO9626702A1

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