

Title (en)  
A DEVICE AND A PROCESS FOR ASEPTIC MIXING OF LIQUID PRODUCTS

Title (de)  
VORRICHTUNG UND VERFAHREN ZUM ASEPTISCHEN VERMISCHEN VON FLÜSSIGKEITEN

Title (fr)  
DISPOSITIF ET PROCEDE DE MELANGE ASEPTIQUE DE PRODUITS LIQUIDES

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Application  
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Abstract (en)  
[origin: WO9522954A1] The invention relates to an apparatus for mixing aseptically three or more liquid products (51, 53, 55) and includes at least two pointed connection devices (1, 21, 41) which are provided with through-passing flow passageways (3, 4, 24, 25, 43, 44) and are connected in series by means of a connecting line (61) and are intended to be inserted through penetrable closure means (58, 59, 60) of product containers (52, 54, 56). A first of these connection devices (1) functions to place the first container (52) in communication with the surroundings via a sterilizing filter (7), and connects the first container with the second container (54) through the connecting line (61), wherein the product containers are mutually connected together successively by means of respective subsequent connection devices down to the last product container (56) in line in which the final mixture of products, including the product (55), is collected. A subpressure prevails in the last container in line, this subpressure constituting the force by means of which the products are driven through the system. The invention also relates to a connection device (21) and to a system for aseptically mixing three or more liquid products, and also to a method of mixing the products. The invention is primarily intended for application when mixing the liquid components of a preparation for parenteral nutrient supply.

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