

Title (en)

ARRANGEMENT FOR IMPROVING THE EXCHANGE OF GASES VIA SEMIPERMEABLE MEMBRANES IN AN AQUEOUS MEDIUM

Title (de)

ANORDNUNG ZUR VERBESSERUNG DES AUSTAUSCHES VON GASEN ÜBER SEMIPERMEABLE MEMBRANEN IM WÄSSRIGEN MILIEU

Title (fr)

AGENCEMENT PERMETTANT D'AMÉLIORER L'ÉCHANGE DE GAZ AU MOYEN DE MEMBRANES SEMI-PERMÉABLES EN MILIEU AQUEUX

Publication

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Application

**EP 20800540 A 20201015**

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Abstract (en)

[origin: WO2021074267A1] The invention relates to a method and an arrangement wherein gases are removed via semipermeable membranes from aqueous, optionally complex biological substance mixtures by dialysis in an aqueous medium. Special carrier molecules for gases are used in the dialysate and these carrier molecules are regenerated in the dialysate circuit so that they can be used for further gas exchange cycles on the membrane.

IPC 8 full level

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Citation (search report)

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