

Title (en)
HEMODIALYZER FIBER BUNDLE ENCAPSULATION PROCESS

Title (de)
VERFAHREN ZUR UMHÜLLUNG EINES HÄMODIALYSATORFASERBÜNDELS

Title (fr)
PROCEDE D'ENCAPSULATION D'UN FAISCEAU DE FIBRES DE DIALYSE

Publication
EP 1049498 A1 20001108 (EN)

Application
EP 99938733 A 19990713

Priority

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- US 19589098 A 19981119

Abstract (en)
[origin: WO0030700A1] A hollow-fiber hemodialyzer (10) is manufactured using an encapsulation process to preliminarily seal the ends (17) of the hollow fiber bundles (14) prior to the potting process. Partially-set quick-setting material (21) is placed in the end caps (18, 19) or potting caps of the hemodialyzer case (11). The caps (18, 19) are then placed over the open ends (12, 13) of the hemodialyzer case (11) so that the ends (17) of the fiber bundles (14) extend into the partially-set material (21) thereby encapsulating the ends (17) of the fiber bundles (14) with partially-set material. After the material is allowed to set, the hemodialyzer (10) is potted using conventional means. As a result of the encapsulation process, maintenance of the bundle fluff to facilitate subsequent potting is achieved and wicking of the high-flux hollow fibers is controlled.

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IPC 8 full level
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