

Title (en)
PROCESS FOR PRODUCING AN IMPLANT FROM CELL CULTURES

Title (de)
VERFAHREN ZUM HERSTELLEN EINES IMPLANTATES AUS ZELLKULTUREN

Title (fr)
PROCEDE PERMETTANT DE REALISER UN IMPLANT A PARTIR DE CULTURES CELLULAIRES

Publication
EP 0687185 A1 19951220 (DE)

Application
EP 94908950 A 19940303

Priority
• DE 9400235 W 19940303
• DE 4306661 A 19930303

Abstract (en)
[origin: WO9420151A1] The process attempts to produce especially cartilage cells in vitro. The cells are placed in a three-dimensional supporting structure, preferably of a polymer nonwoven, with the shape of the supporting structure corresponding to that of the implant to be obtained. The supporting structure is then perfused with a nourishing solution for a long period so that the intercellular matrix bonding the cells together can form at least partially within the supporting structure. The supporting structure with the at least partially formed intercellular matrix is then implanted. On the subsequent resorption of the supporting structure, the shape of the implant is preserved thanks to the intercellular matrix then formed.

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A61L 27/00; **C12N 5/00**

IPC 8 full level
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CPC (source: EP US)
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C-Set (source: EP US)
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