

Title (en)  
VASCULARISED TISSUE GRAFT

Title (de)  
TRANSPLANTATION VON GEWEBE MIT GEFÄSSEN

Title (fr)  
GREFFE D'UN TISSU VASCULARIS

Publication  
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Application  
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Abstract (en)  
[origin: WO0215914A1] A method of producing vascularised tissue utilising a vascular pedicle enclosed in a chamber and implanted in a donor is provided. A vascularised tissue graft suitable for transplantation is also provided. The invention also encompasses a method of repairing a tissue deficit using a vascularised tissue graft.

IPC 8 full level  
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Citation (search report)  
• [X] WO 9640002 A1 19961219 - MASSACHUSETTS INST TECHNOLOGY [US], et al  
• [A] WO 9618424 A1 19960620 - CHILDRENS MEDICAL CENTER [US], et al  
• [X] MIZUMOTO S ET AL: "PRE-FORMED VASCULARIZED BONE GRAFTS USING POLYETHYLENE CHAMBERS", JOURNAL OF RECONSTRUCTIVE MICROSURGERY, vol. 8, no. 4, 1992, pages 325 - 333, XP009081025, ISSN: 0743-684X  
• [X] PICHA G J ET AL: "Microvascular A-V shunts and the growth of autologous tissue flaps in millipore chambers", PLASTIC AND RECONSTRUCTIVE SURGERY 1991 UNITED STATES, vol. 87, no. 3, 1991, pages 509 - 517, XP009080990, ISSN: 0032-1052  
• [X] VILJANEN V V ET AL: "Producing vascularized bone by heterotopic bone induction and guided tissue regeneration: a silicone membrane-isolated latissimus dorsi island flap in a rat model", JOURNAL OF RECONSTRUCTIVE MICROSURGERY, THIEME, NEW YORK, NY, US, vol. 13, no. 3, April 1997 (1997-04-01), pages 207 - 214, XP002974045, ISSN: 0743-684X  
• [AD] TANAKA ET AL: "Generation of an autologous tissue (matrix) flap by combining an arteriovenous shunt loop with artificial skin in rats: preliminary report", BRITISH JOURNAL OF PLASTIC SURGERY, CHURCHILL LIVINGSTONE, GB, vol. 53, no. 1, January 2000 (2000-01-01), pages 51 - 57, XP005315546, ISSN: 0007-1226  
• [A] ALBREKTSSON T: "Molded vascularized osteogenesis: A preliminary study in rabbits: Discussion", PLASTIC AND RECONSTRUCTIVE SURGERY 1985 UNITED STATES, vol. 76, no. 6, 1985, pages 857 - 858, XP009081126  
• See references of WO 0215914A1

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