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(54) **METHOD OF MAKING OSTEOINDUCTIVE BONE IMPLANT**

VERFAHREN ZUR HERSTELLUNG VON OSTEOINDUKTIVEN KNOCHENIMPLANTATEN

METHODE DE FABRICATION DE GREFFONS OSSEUX OSTEOINDUCTIFS

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(56) References cited:
WO-A1-01/00792 WO-A1-2008/150508
WO-A2-03/051240 KR-B1- 100 754 814

US-A1- 5 236 456 US-A1- 2001 020 188
US-A1- 2007 154 563 US-A1- 2008 262 633
US-B1- 6 189 537

- **TZIAFAS D ET AL: "Inductive influences of demineralized dentin and bone matrix on pulp cells: an approach of secondary dentinogenesis", JOURNAL OF DENTAL RESEARCH, INTERNATIONAL ASSOCIATION FOR DENTAL RESEARCH, US, vol. 69, no. 1, 1 January 1990 (1990-01-01), pages 75-81, XP002501927, ISSN: 0022-0345, DOI: 10.2172/6776591**
- **DA WAHL, JT CZERNUSZKA: 'Collagen-Hydroxyapatite Composites for Hard Tissue Repair' EUROPEAN CELLS AND MATERIALS vol. 11, 2006, pages 43 - 56, XP008153529**
- **MARTIN D. KIRK, ARNOLD J. KAHN: 'Extracellular matrix synthesized by clonal osteogenic cells is osteoinductive in vivo and in vitro: Role of transforming growth factor- beta1 in osteoblast cell-matrix interaction' JOURNAL OF BONE AND MINERAL RESERCH vol. 10, no. 8, 1995, pages 1203 - 1208, XP008153516**

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- PRAFULLA RAVAL, HOWARD H. T. HSU, H. CLARKE ANDERSON: 'Osteoinductive ability of confluent Saos-2 cells correlates with enhanced expression of bone morphogenetic proteins' JOURNAL OF ORTHOPAEDIC RESEARCH vol. 14, no. 4, July 1996, pages 605 - 610, XP008153533