

Title (en)  
IMPLANT WITH ENLARGED PROXIMAL SEGMENT

Title (de)  
IMPLANTAT MIT VERGRÖSSERTEM PROXIMALEM SEGMENT

Title (fr)  
IMPLANT A SEGMENT PROXIMAL ELARGI

Publication  
**EP 1259187 A4 20060719 (EN)**

Application  
**EP 00992218 A 20001229**

Priority  
• US 0035511 W 20001229  
• US 47688200 A 20000104  
• US 71420100 A 20001117

Abstract (en)  
[origin: WO0149200A2] A dental implant for securement within a bore within a maxilla or mandible, inclusive of the cortical bone includes a threaded elongate anchor having a proximal upper portion having a larger outside diameter than that of an integral distal lower portion, the anchor defining, in axial cross-section, an envelope in which the upper portion substantially defines a cylinder and the lower portion substantially defines a conical section, and an engageable head integrally dependent from a proximal surface of the proximal portion of the anchor, the head having an outside diameter smaller than a greatest outside diameter of the proximal portion of the anchor, the outside diameter of the head also equal or less than a diameter of an entry region into the bore. A greatest axial length of the lower portion defines a length of about 6.0 mm.

IPC 1-7  
**A61C 8/00**

IPC 8 full level  
**A61C 8/00** (2006.01)

CPC (source: EP)  
**A61C 8/0022** (2013.01)

Citation (search report)  
• [X] DE 4332075 A1 19940331 - HERBST BREMER GOLDSCHLAEGEREI [DE]  
• [X] WO 9938451 A1 19990805 - LIFECORE BIOMEDICAL INC [US]  
• [X] DE 1566223 A1 19701001 - HOYER DR MED DENT HEINZ  
• [X] DE 29714798 U1 19981217 - IHDE STEFAN PROF DR [DE]  
• [A] WO 9743976 A1 19971127 - NOBEL BIOCare AB [SE], et al  
• [A] US 5964766 A 19991012 - SHAW LEON [US]  
• See references of WO 0149200A2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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**WO 0149200 A2 20010712; WO 0149200 A3 20020912; AU 3967401 A 20010716; EP 1259187 A2 20021127; EP 1259187 A4 20060719**

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**US 0035511 W 20001229; AU 3967401 A 20001229; EP 00992218 A 20001229**