

Title (en)

IMPROVEMENTS IN OR RELATING TO SUBSTRUCTURES FOR BONDING TO SUPPORT STRUCTURES.

Title (de)

VERBESSERUNGEN AN SUBSTRUKTUREN ZUM VERBINDEN MIT TRÄGERSTRUKTUREN.

Title (fr)

AMELIORATIONS RELATIVES A DES SOUS-STRUCTURES DESTINEES A ADHERER A DES STRUCTURES DE SUPPORT.

Publication

**EP 0655897 A1 19950607 (EN)**

Application

**EP 93918036 A 19930818**

Priority

- GB 9301739 W 19930818
- GB 9217749 A 19920820

Abstract (en)

[origin: WO9404092A1] A substructure (19) for a dental inlay, crown, bridge or the like having a roughened surface suitable for bonding to a surface of a support structure is formed by a method comprising bonding granules (20) to a moulding surface (22) of a dental investment model (23) of the appropriate part of the mouth. A mouldable material is applied to the moulding surface (22) so as to cover the granules (20), and the material is then allowed to at least partially set. Finally the material is removed from the moulding surface and the granules are removed from the material so as to leave a substructure having a roughened surface of the required form for bonding to the support structure surface. This technique is particularly applicable to production of roughened surfaces on substructures which cannot be easily etched. One such substructure is a glass-infiltrated alumina substructure such as In-Ceram.

IPC 1-7

**A61C 13/00**; **A61C 13/10**; **A61C 13/08**

IPC 8 full level

**A61C 13/00** (2006.01); **A61C 13/083** (2006.01); **A61C 13/093** (2006.01)

CPC (source: EP)

**A61C 13/0003** (2013.01); **A61C 13/0835** (2013.01); **A61C 13/1006** (2013.01)

Citation (search report)

See references of WO 9404092A1

Designated contracting state (EPC)

BE DE FR GB IT NL SE

DOCDB simple family (publication)

**WO 9404092 A1 19940303**; AU 4726993 A 19940315; EP 0655897 A1 19950607; GB 9217749 D0 19920930

DOCDB simple family (application)

**GB 9301739 W 19930818**; AU 4726993 A 19930818; EP 93918036 A 19930818; GB 9217749 A 19920820