

Title (en)

Thick film substance and Manufacturing Process for a Thick Film Structure

Title (de)

Dickschichtsubstanz und Verfahren zum Herstellen einer Struktur aus einer Dickschichtsubstanz

Title (fr)

Substance à couche épaisse et procédé pour la fabrication d'une structure à couche épaisse

Publication

EP 0964410 A3 20000920 (DE)

Application

EP 99109459 A 19990511

Priority

DE 19822033 A 19980515

Abstract (en)

[origin: DE19822033A1] A thick layer substance contains a reactive organic substance containing chemically reactive components that is cross-linkable with a substrate and the residual components within the substance. A thick layer substance (I) preferably a paste comprises an active component that serves to define the properties of the substance and a flow agent that cause bonding with a substrate to be coated is claimed. (I) contains a reactive organic substance containing chemically reactive components that is cross-linkable with the substrate and the residual components of (I) within the region bounded by the appropriate application of energy. Independent claims are included for: (i) a process for the production of a structure (II) from (I) and a substrate by coating the substrate with (I), selective binding of (I) to the substrate corresponding to the desired structure by localized application of energy and removal of the non-bonded (I) from the substrate; and (ii) a household appliance having a structure (II)

IPC 1-7

H01C 7/00

IPC 8 full level

F24C 7/06 (2006.01)

CPC (source: EP)

F24C 7/06 (2013.01)

Citation (search report)

- [X] DE 4406978 A1 19950907 - LOHMANN GMBH & CO KG [DE]
- [A] US 5030608 A 19910709 - SCHUBERT ULRICH [DE], et al
- [A] WO 9730571 A1 19970821 - ELECTRA TECHNOLOGY LIMITED [GB], et al
- [A] FR 2167267 A1 19730824 - KLIMA TECHNIK [LI]
- [A] EP 0434334 A1 19910626 - MINNESOTA MINING & MFG [US]

Cited by

EP1255083A1; US7663075B2; WO2005115056A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19822033 A1 19991118; EP 0964410 A2 19991215; EP 0964410 A3 20000920

DOCDB simple family (application)

DE 19822033 A 19980515; EP 99109459 A 19990511