

Title (en)
SILICON STRUCTURE

Title (de)
SILICIUMSTRUKTUR

Title (fr)
STRUCTURE DE SILICIUM

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Abstract (en)
[origin: WO2005113467A1] The present invention concerns a new method of fabricating macroporous silicon, and a new macroporous silicon product. The invention also concerns a new method of combining porous silicon with a hydrophilic compound. The method of fabricating the macroporous silicon involves the consolidation of a silicon particulate product, which can then be anodised. The resulting macroporous silicon product comprises macropores that are substantially surrounded by a region of microporous and/or mesoporous silicon. The method of loading the hydrophilic compound comprises the step of consolidating a silicon particulate product and the compound.

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