

Title (en)  
Method of etching stone materials.

Title (de)  
Verfahren zum Ätzen von Steinen.

Title (fr)  
Procédé de gravure de pierres.

Publication  
**EP 0666188 A1 19950809 (EN)**

Application  
**EP 94200259 A 19940204**

Priority  
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Abstract (en)  
The present invention relates to a method of engraving stone which comprises the steps of; applying to a stone material an acid resistant polymer or lacquer coating upon portions of said stone material that are not to be engraved; bathing the coated stone material with a sufficient amount of acid for a sufficient period of time to engrave said stone material; washing the stone material with a sufficient amount of base to neutralize the acid; and, removing the coating to obtain an engraved stone material. In particular the present invention relates to methods of engraving marble or onyx using nitric acid, hydrochloric acid or hydrofluoric acids.

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CPC (source: EP)  
**B44C 1/227** (2013.01); **B44C 5/06** (2013.01)

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• [XA] US 3811909 A 19740521 - BERTSCH H  
• [X] FR 2285253 A1 19760416 - MALAVASI CARLO [IT]  
• [A] DE 2731219 A1 19790118 - ALARI MARCO

Cited by  
IT202100010967A1; ITMI20090475A1; WO0046044A1; WO2016108053A1

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