

Title (en)  
Marking surfaces.

Title (de)  
Markieren von Oberflächen.

Title (fr)  
Marquage de surfaces.

Publication  
**EP 0296723 A2 19881228 (EN)**

Application  
**EP 88304987 A 19880601**

Priority  
GB 8712977 A 19870603

Abstract (en)  
A marking system for an engraved surface which eliminates hand filling, comprising a dispenser (11, 71) for a flowable marker material which is driven to traverse the engraving, and a controller (5, 6, 7, 35) for the amount and timing of material delivered. The dispenser is carried by a computer controlled X-Y-Z coordinate type machine and a computer program controls movement of the dispenser to traverse the engraving and also a pressure/vacuum controller (35) for material delivery via the dispenser in to the engraving. The dispenser is paired physically with an engraving tool (a) relative to a single head system of the X-Y-Z coordinate machine whereby engraving and filling are implemented within the same equipment with related program. The dispenser is constructed as a floating head to eliminate variations in work surface heights. Engraving and filling of multiple workpieces in one loading is accommodated by use of a locating jig and appropriate program structure.

IPC 1-7  
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IPC 8 full level  
**B44B 3/00** (2006.01); **B44B 3/06** (2006.01); **B44C 1/22** (2006.01); **B44D 3/22** (2006.01)

CPC (source: EP)  
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Cited by  
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