

Title (en)  
METHOD OF AND APPARATUS FOR APPLYING SUBSTANCES TO A SURFACE

Publication  
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Application  
**EP 81301031 A 19810312**

Priority  
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Abstract (en)  
[origin: EP0036296A2] The invention provides a method of and apparatus for applying two or more substances to a surface. According to the invention a plurality of nozzle means (111, 111<1>) each having a plurality of aligned nozzles (113, 113<1>) and each connected to a different source (119) of a plurality of different substances, are controlled by control means (123,125) to project droplets of the substances onto a surface in a predetermined pattern and so that the positions on said-surface occupied by one of said substances will also be occupied by another said substance.

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IPC 8 full level  
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No relevant documents have been disclosed.

Cited by  
CN102765514A; EP0602251A4; EP0170035A3; EP0113537A1; EP1726443A1; EP0679759A1; EP0633136A3; US5847729A; EP0088630A3; EP1555132A3; GB2148194A; FR2542257A1; US4617574A; US6975288B2; US6583582B2; WO0003080A1; WO8403474A1

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