

Title (en)
Coating process and apparatus therefor

Title (de)
Beschichtungsverfahren sowie Vorrichtung hierfür

Title (fr)
Procédé de revêtement et appareil pour sa mise en oeuvre

Publication
EP 1317966 A3 20040211 (DE)

Application
EP 02026209 A 20021126

Priority
DE 10159603 A 20011205

Abstract (en)
[origin: EP1317966A2] A coat is applied to one side of a base, esp. a thin metal foil with a thickness of 0,5 to 0,5mm. The foil is deformed in a defined manner, the coating is applied while the deformation is maintained, and this is then reversed. Deformation is applied at a process temperature, and is reversed at use or room temperature. It is carried out in a mechanical, thermal, pneumatic/hydraulic, electric, or magnetic means, or any combination of these, by a bimetal element, which forms or is connected to, the foil. The foil has anisotropic rigidity.

IPC 1-7
B05D 3/12; **B05D 7/14**; **B05C 9/10**

IPC 8 full level
B05D 3/12 (2006.01); **B05D 7/14** (2006.01); **C23C 4/02** (2006.01); **C23C 26/00** (2006.01); **C23C 26/02** (2006.01)

CPC (source: EP)
B05D 3/12 (2013.01); **B05D 7/14** (2013.01); **C23C 4/02** (2013.01); **C23C 26/00** (2013.01); **C23C 26/02** (2013.01)

Citation (search report)

- [X] DE 3200034 A1 19820722 - CENTRAL GLASS CO LTD [JP]
- [X] DE 19808518 C1 19990805 - ROCKWOOL MINERALWOLLE [DE]
- [X] PATENT ABSTRACTS OF JAPAN vol. 0111, no. 65 (E - 510) 27 May 1987 (1987-05-27)
- [X] PATENT ABSTRACTS OF JAPAN vol. 0124, no. 76 (E - 693) 13 December 1988 (1988-12-13)
- [XA] PATENT ABSTRACTS OF JAPAN vol. 0040, no. 48 (E - 006) 12 April 1980 (1980-04-12)

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US10384231B2; WO2008039820A3

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