

Title (en)  
Improvements in or relating to the treatment of surfaces.

Title (de)  
Behandlung von Oberflächen.

Title (fr)  
Traitement de surfaces.

Publication  
**EP 0393918 A2 19901024 (EN)**

Application  
**EP 90303890 A 19900411**

Priority  
GB 8908843 A 19890419

Abstract (en)  
With reference to Figure 1, apparatus 1 for treating a surface, in this example the painted surface 2 of an aircraft fuselage 10, comprises an upright disposed canopy 3 for placing (as shown) in close proximity to the surface 2. The canopy 3 defines an aperture 4 allowing access to the surface 2 of a pressurised mixture of abrasive material and fluid, and is provided with a flexible duct 5 for subsequently collecting the mixture after use. The abrasive media comprises particles of plastics or natural material, which are only mildly abrasive, whereby only paint is removed from the surface 2, leaving the anodised layer of the surface undamaged. The abrasive mixture is supplied by a hand-held blast gun 6, which is preferably of the form disclosed by UK Patent No. 2,065,514. The gun 6 is provided with an internal mixing chamber whereby separate flows of the abrasive particles and water are introduced via supply ducts 7, 8 of flexible construction, before being discharged on to the surface 2 by way of a nozzle. The abrasive mixture can also be fed to a blast nozzle by way of an air-fed injector connected to a pressurised container. The canopy 3, which is of box-like form, is provided with flexible seal 15 held in place by suckers 16.

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**B24C 3/06** (2006.01)

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FR2802127A1; EP0640441A1; EP0631849A1; WO0141938A3

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