

Title (en)
Vehicle painting enclosure

Title (de)
Fahrzeugslackierkabine

Title (fr)
Enceinte à vernir pour véhicules

Publication
EP 1120168 A1 20010801 (EN)

Application
EP 00300690 A 20000128

Priority
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Abstract (en)

The present invention relates to field of motor vehicle repair, and in particular to the repair of minor damage to paintwork. According one aspect of the present invention there is provided apparatus providing an enclosure (10) in which to paint a vehicle, comprising a generally upstanding wall portion, a ceiling portion (13) and a floor portion (11), in one of which portions is formed an airflow input surface and in another of which portions is formed an airflow extract surface, wherein the input surface is provided by a panel (24) comprising a diffusing medium for providing a substantially uniform airflow from the surface of the panel into the enclosure and wherein the extract surface is provided by a panel comprising filter means (16) for airborne paint spray, wherein an air duct external of the enclosure communicates between rear sides of the input and extract panels, which air duct is provided with airflow generation means (18) for driving air through the input panel and drawing air from the extract panel, thereby to provide a recirculating flow of air in the enclosure (10), the rate and extent of the flowing air being arranged to provide, in use, a substantially laminar airflow around a vehicle in the enclosure. <IMAGE>

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IPC 8 full level
B05B 15/12 (2006.01); **B05B 16/60** (2018.01)

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