

Title (en)
HALOGEN-FREE FLAME RESISTANT COMPOSITE

Title (de)
HALOGENFREI FLAMMWIDRIGER VERBUNDWERKSTOFF

Title (fr)
COMPOSITE ININFLAMMABLE SANS HALOGENE

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Application
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Abstract (en)
[origin: WO9945061A1] The invention relates to a halogen-free flame resistant composite comprising a fibrous material and/or a woven material which is impregnated and hardened with a resin matrix. The resin matrix based on an epoxide/anhydride reactive resin is additionally made flame resistant with reactively inserting phosphorous compounds based on acid derivatives. The composite is suited as a light material for use in vehicle manufacturing, for example, for rail vehicles, assembly of motor vehicles and for ship and aircraft components.

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