

Title (en)  
Fire-resistant printable medium

Title (de)  
Feuerbeständiges druckbares Medium

Title (fr)  
Support imprimable résistant au feu

Publication  
**EP 1147911 A1 20011024 (FR)**

Application  
**EP 01420083 A 20010406**

Priority  
FR 0004706 A 20000412

Abstract (en)  
A base material, designed to receive digital or silk screen printing e.g. for outdoor or indoor advertising purposes, consists of a substrate of fibres or mineral filaments, such as glass fabric, mesh or a non-woven material based on glass fibres. A base material, designed to receive digital or silk screen printing e.g. for outdoor or indoor advertising purposes, consists of a substrate of fibres or mineral filaments, such as glass fabric, mesh or a non-woven material based on glass fibres. The substrate has a mass F, and has a coating made from at least one printable polymer of mass E, with the ratio E/(E + F) being between 4 and 50 per cent. The base material has no halogens or halogenated substances, but contains a fire-resistant agent. Otherwise the fire-resistant agent can be incorporated in the coating forming a maximum of 90 per cent and preferably about 25 per cent of its volume. The base material has a calorific value of less than 10000 kJ/kg and preferably less than 2500 kJ/kg, and is produced, for example, in rolls 91.44 or 152 mm wide.

Abstract (fr)  
Support imprimable résistant au feu. Support destiné à être imprimé par impression numérique ou par sérigraphie comprenant : un substrat de base formant l'ossature du support, un enduit formant le revêtement du substrat et servant à l'impression, caractérisé en ce que : le substrat de base est formé par des fibres ou fils minéraux de masse F, l'enduit est formé par au moins un polymère imprimable de masse E, le ratio E/(E+F) étant compris entre 4% et 50%. Papier imprimable.

IPC 1-7  
**B41M 1/12**; **B41M 1/34**; **B41M 5/00**

IPC 8 full level  
**B41M 1/30** (2006.01); **G09F 13/04** (2006.01); **B41M 1/12** (2006.01); **B41M 5/00** (2006.01); **B41M 5/50** (2006.01)

CPC (source: EP US)  
**B41M 5/508** (2013.01 - EP US); **B41M 5/5218** (2013.01 - EP US); **B41M 5/5227** (2013.01 - EP US); **G09F 13/04** (2013.01 - EP US); **B41M 1/12** (2013.01 - EP US); **B41M 1/30** (2013.01 - EP US); **B41M 5/0047** (2013.01 - EP US); **B41M 5/0064** (2013.01 - EP US); **B41M 5/41** (2013.01 - EP US)

Citation (search report)

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