

Title (en)
Process for the manufacture of decorative laminates.

Title (de)
Verfahren zur Herstellung von Dekorationsschichtstoffen.

Title (fr)
Procédé pour la préparation de stratifiés décoratifs.

Publication
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Application
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Priority
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Abstract (en)
A process for the manufacture of a decorative laminate utilises a decorative laminate surface or overlay paper carrying a coating comprising a pigment and a binder. This coating affords improved printability without unacceptably reducing absorbency towards impregnating resins. The Gurley porosity of the coated paper is about 10-70 sec/100 ml; and the coating is present at a dry coatweight of up to 10 gm<-><2>, preferably 2.5 to 3 gm<-><2>. The coating is preferably applied by means of a size press. Laminate manufacture using the paper is conventional.

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D21H 5/00; **B41M 1/36**; **B41M 7/00**; **B44C 5/04**

IPC 8 full level
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Citation (search report)
• [X] US 3798111 A 19740319 - LANE W, et al
• [X] FR 2376746 A1 19780804 - EXXON RESEARCH ENGINEERING CO [US]
• [X] GB 2033249 A 19800521 - NEVAMAR CORP
• [X] FR 1048836 A 19531224 - OXVAR LTD
• [X] GB 653531 A 19510516 - HERBERT JOHN MALLABAR
• [X] US 3578483 A 19710511 - GARCIA LEONARDO MEDRANO
• [A] AT 332107 B 19760910 - ISOVOLTA [AT]

Cited by
WO2009097986A1; WO2005116337A1; EP1044822A1; EP0122589A3; GR1000651B; AU684426B2; FR2870265A1; EP3496945A4; EP2233287A1; US6706372B2; WO2010108568A1; WO9715430A1; WO9901296A1; US9567713B2; WO2004007215A1; WO9717214A1; US11794460B2; US10124603B2; US10994555B2; US11613133B2; US10214028B2; US10549550B2; US10807385B2; US10814648B1; US11446938B2; US11987044B2; US10471769B2; US10906349B2; US11465439B2; US11878548B2

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