

Title (en)

NONWOVEN, FLAME RETARDANT, MOISTURE RESISTANT PANEL AND METHOD OF CONSTRUCTION THEREOF

Title (de)

FLAMMHEMMENDE, FEUCHTIGKEITSBESTÄNDIGE VLIESTOFFPLATTE UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)

PANNEAU IGNIFUGE NON TISSÉ RÉSISTANT À L'HUMIDITÉ ET SON PROCÉDÉ DE CONSTRUCTION

Publication

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Application

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Abstract (en)

[origin: US2013149926A1] A nonwoven, fire retardant, moisture resistant panel and method of construction thereof is provided. The panel includes a bonded nonwoven sheet of bast fibers bonded with polymeric binding fibers. Further, the panel includes a single coating of a dried and cured solution. The dried and cured coating includes a binder, a Ph stabilizer and a single flame retardant. The binder is cross-linked with the bast fibers to form a moisture resistant barrier that reduces the moisture absorption of the bast fibers

IPC 8 full level

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