

Title (en)
Thermobonded lining material in microfibers and process for making the same.

Title (de)
Thermoplastischer Futterstoff aus Mikrofasern und Verfahren für die Herstellung.

Title (fr)
Entoilage thermocollant à base de microfibres et procédé pour l'obtenir.

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EP 0466563 A1 19920115 (FR)

Application
EP 91401868 A 19910705

Priority
FR 9009255 A 19900712

Abstract (en)
[origin: CA2046185A1] PATENT APPLICATION entitled: THERMOBONDING INTERLINING CONTAINING MICROFIBERS in the names of: Robert BOLLIAND Pierre GROSHENS assigned to: LAINIERE DE PICARDIE (S.A.) The thermobonding interlining is a nonwoven covered on one face with dots of thermobonding resin. According to the invention, the nonwoven is a web, containing no binding agent, of which the g/m2 weight is less than 50, which is produced from fibers in a thermoplastic material, such as polyamide; the mean diameter of the fibers is comprised between 1 and 5 .mu.m, the consolidation of the nonwoven is obtained by intermingling of the fibers by high pressure streams of fluid, notably by injection of water at pressures of 40 to 80 bars, or by thermal bonding. For example, the fibers being obtained from a mixture of constituents having different melting points, the bonding points result from the melting and bonding of the zones of fibers having the lowest melting point.

Abstract (fr)
L'entoilage thermocollant est un non-tissé recouvert sur une face de points de résine thermocollante. Selon l'invention le non-tissé est une nappe, exempte de liant, dont le poids au mètre carré est inférieur à 50 g, qui est réalisée à partir de fibres d'un matériau thermoplastique notamment polyamide; le diamètre moyen des fibres est compris entre 1 et 5 micromètres, la consolidation du non-tissé est obtenue soit par entremêlement des fibres par jet de fluide haute pression, notamment par injection d'eau à des pression de 40 à 80 bars, soit par liage thermique. Par exemple les fibres étant obtenues à partir d'un mélange de constituants ayant des points de fusion différents, les points de liaison résultent de la fusion et du collage des zones de fibres ayant le point de fusion le plus bas.

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Citation (search report)
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• [YD] EP 0363254 A1 19900411 - INST TEXTILE DE FRANCE [FR]
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