

Title (en)

HEAT-BONDABLE WOVEN OR KNITTED FABRIC

Title (de)

HEISS VERSCHWEISBARER WEB- ODER STRICKSTOFF

Title (fr)

TEXTILE THERMOCOLLABLE DU TYPE TISSE OU A MAILLES

Publication

**EP 0747518 A1 19961211 (EN)**

Application

**EP 94925018 A 19940829**

Priority

- JP 9401421 W 19940829
- JP 23873593 A 19930830

Abstract (en)

The invention provides an easily heat-bondable woven or knitted fabric for which neither sewing nor an adhesive agent is need. A woven or knitted fabric (A) is textured from warps (1), each consisting of 24 polyester (m.p.: 250 DEG C) filaments of 50 deniers, and wefts (2), each consisting of polypropylene (m.p.: 160 DEG C) filaments, say, 24 filaments of 50 deniers plus 24 filaments of 75 deniers, between which there is a melting point difference of at least 20 DEG C. The sites of the fabric to be bonded together are heated under pressure at a temperature higher than or equal to 160 DEG C and lower than or equal to 250 DEG C. The polypropylene wefts melt to serve as an adhesive agent while the polyester warps remain intact. <IMAGE>

IPC 1-7

**D03D 15/00**

IPC 8 full level

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CPC (source: EP US)

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Cited by

US9243355B2; EP1908581A1; AU2007304495B2; US2018274135A1; US2017275790A1; DE102019208734A1; US8349112B2; US11708045B2; US11634841B2; WO2008040510A1; US11214895B2; US9994977B2; US10494746B2; US11053617B2; US9243354B2; US10252488B2; US10443160B2; US10703069B2; EP3751038A2

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