

Title (en)

Woven fabric with adjustable gas and/or liquid permeability containing hybrid yarns, process for its further processing, textile structure with predetermined gas and/or fluid permeability and its use

Title (de)

Gewebe und Gelege mit einstellbarer Gas- und/oder Flüssigkeitsdichtigkeit enthaltend Hybridgarne, Verfahren zu deren Weiterverarbeitung, textile Flächengebilde mit vorbestimmter Gas- und/oder Flüssigkeitsdurchlässigkeit und deren Verwendung

Title (fr)

Tissu avec étanchéité réglable au gaz et/ou aux liquides comprenant des fils hybrides, procédé pour son traitement ultérieur, structure textile avec étanchéité au gaz et/ou aux liquides prédéterminée et son utilisation

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Application

EP 96115791 A 19961002

Priority

DE 19537702 A 19951011

Abstract (en)

In (non)woven fabric containing at least 2 systems of parallel filaments, at least one of these systems has more than 10 filaments/cm and at least 10% of the system consists of hybrid yarn containing reinforcing filaments and matrix filaments of thermoplastic polymer with a lower m.pt. Also claimed are a method of making textile webs with predetermined gas permeability from this fabric and the textile webs per se.

Abstract (de)

Beschrieben werden Gewebe oder Gelege enthaltend mindestens zwei Fadensysteme parallellaufender Fäden, wobei wenigstens eines dieser Fadensysteme mehr als 10 Fäden pro Zentimeter aufweist und zu mindestens 10 %, bezogen auf das Fadensystem, aus Hybridgarne enthaltend Verstärkungsfilamente und tieferschmelzende Matrixfilamente aus thermoplastischen Polymeren besteht. Aus derartigen Geweben oder Gelegen lassen sich durch Aufschmelzen der Matrixkomponente textile Flächengebilde mit einstellbarer Gas- und/oder Flüssigkeitsdurchlässigkeit herstellen, die sich insbesondere zur Herstellung von Airbags eignen.

IPC 1-7

D03D 15/00; **D02G 3/04**

IPC 8 full level

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CPC (source: EP KR US)

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