

Title (en)

Multi-axial multilayer woven fabric, process for its manufacture and use of such fabric for a reinforcement composite

Title (de)

Multiaxiales Mehrlagengewebe, Herstellungsverfahren dafür und Verwendung in Verbundwerkstoffen

Title (fr)

Tissu multiaxial multicouches, procédé de fabrication et l'usage du tissu pour renforcement composite

Publication

EP 2610375 A1 20130703 (EN)

Application

EP 11380109 A 20111230

Priority

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Abstract (en)

The present invention relates to a multilayer, multiaxial woven fabric, a manufacturing process and the use of said fabric for a reinforcement composite. This woven fabric is formed from a structure of at least two layers joined to one another, being joined by a warp - weft process, with the orientation of the weft yarns of adjacent cloths (10, 11, 12) superimposed at different angles with respect to the warp yarns (15) to form stacked layers, wherein the rebonding of the different stacked layers is done with weft yarns (13, 14) of the cloths (10, 11, 12) themselves.

IPC 8 full level

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CPC (source: EP US)

D03D 11/00 (2013.01 - EP US); **D03D 13/00** (2013.01 - EP US); **D03D 15/267** (2021.01 - EP); **D10B 2101/12** (2013.01 - EP); **D10B 2321/06** (2013.01 - EP); **D10B 2505/02** (2013.01 - EP)

Citation (applicant)

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CN103526408A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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