

Title (en)

Procedure and unit for the production of a polyester fibre based band with a sublimed metal coating

Title (de)

Verfahren und Vorrichtung zur Herstellung von einem auf Polyester Fasern basierendem Band mit einer sublimierten Metallbeschichtung

Title (fr)

Procédé et unité de production d'un ruban à base de fibres de polyester avec un revêtement de metal sublimé

Publication

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Application

EP 01204642 A 20011203

Priority

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Abstract (en)

Procedure for the production of a polyester fibre based band with a coating made of sublimed metal to be used for the realisation of blends for wad, felt and weaving and knitting yarn, said procedure foreseeing the steps of: opening and cleaning of polyester fibres coated in sublimed metal; mixing of said fibres coated in sublimed metal with flakes of polyester fibre; carding of the blend thus obtained. Said procedure is realised thanks to a unit comprising a cleaning machine, a carding machine and means suitable for transferring the fibres which come out of said cleaning machine to said carding machine mixing them with a suitable amount of other fibres, wherein the needles present on the reels of the cleaning machine and on the bands of the carding machine are coated with, or completely made of, non-metallic material. <IMAGE>

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CPC (source: EP)

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Citation (search report)

- [YA] US 5155989 A 19921020 - FREY MANFRED [CH], et al
- [XAY] US 5066538 A 19911119 - HUYKMAN WILLIAM [US]
- [A] GB 2324101 A 19981014 - STEWART & SONS WM R [GB]
- [A] FR 2504159 A1 19821022 - GUILLOT PAUL [FR]
- [A] FR 1551237 A 19681227

Cited by

CN102505198A; CN111850744A; CN109112674A

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