

Title (en)

METHOD FOR PRODUCING A TEXTILE MATERIAL

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES TEXTILMATERIALS

Title (fr)

PROCÉDÉ DE PRODUCTION DE MATÉRIAUX TEXTILES

Publication

**EP 4221531 A1 20230809 (DE)**

Application

**EP 21783524 A 20210929**

Priority

- CH 12392020 A 20200930
- EP 2021076857 W 20210929

Abstract (en)

[origin: WO2022069583A1] The invention relates to a method for producing a textile material, in particular a shoe upper, comprising the steps of: providing a shaping support, in particular a last; melting a polymer composition at a first temperature; applying the molten polymer composition to the shaping support. The molten polymer composition is applied to the shaping support by means of a nozzle which has an outlet opening for the molten polymer composition and a plurality of air exit openings which are provided around the outlet opening and from which compressed air is supplied to the exiting polymer composition in such a way that the molten polymer composition which has exited from the nozzle is applied as a helical filament to the shaping support.

IPC 8 full level

**A43B 1/04** (2022.01); **A43B 23/02** (2006.01)

CPC (source: CH EP US)

**A43B 1/02** (2013.01 - US); **A43B 1/04** (2013.01 - EP); **A43B 23/0245** (2013.01 - EP US); **A43B 23/025** (2013.01 - EP);  
**B29C 41/365** (2013.01 - CH); **B29D 35/126** (2013.01 - CH US); **D04H 3/05** (2013.01 - CH); **A43B 1/028** (2022.01 - CH);  
**A43B 23/0215** (2013.01 - CH); **A43D 2200/60** (2013.01 - EP)

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

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**CH 717906 A2 20220331**; CN 116322416 A 20230623; EP 4221531 A1 20230809; US 2024049837 A1 20240215; WO 2022069583 A1 20220407

DOCDB simple family (application)

**CH 12392020 A 20200930**; CN 202180066802 A 20210929; EP 2021076857 W 20210929; EP 21783524 A 20210929;  
US 202118028399 A 20210929