

Title (en)

PROCESS FOR PRODUCING DEFORMED NONWOVEN

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES VERFORMTEN VLIESTOFFES

Title (fr)

PROCÉDÉ DE PRODUCTION DE NON-TISSÉ DÉFORMÉ

Publication

EP 4136285 A1 20230222 (EN)

Application

EP 20930723 A 20200416

Priority

CN 2020085101 W 20200416

Abstract (en)

[origin: US2021324557A1] A process for producing a deformed nonwoven is described. The process includes the steps of: adjusting a water content of a nonwoven such that the nonwoven has at least one area having a water content of at least about 12% by weight of the nonwoven in the area, and subjecting the nonwoven to a mechanical deformation process. The deformation process is a mechanical deformation of the nonwoven and dewatering of the nonwoven to obtain a deformed nonwoven.

IPC 8 full level

D04H 1/425 (2012.01); **D04H 1/4258** (2012.01)

CPC (source: EP US)

D04H 1/425 (2013.01 - EP); **D04H 1/49** (2013.01 - EP); **D04H 1/54** (2013.01 - EP); **D04H 1/72** (2013.01 - EP); **D04H 3/013** (2013.01 - US); **D04H 3/015** (2013.01 - US); **D04H 5/02** (2013.01 - US)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

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US 2021324557 A1 20211021; **US 2024200247 A9 20240620**; CN 115380138 A 20221122; EP 4136285 A1 20230222; EP 4136285 B1 20240911; WO 2021208009 A1 20211021

DOCDB simple family (application)

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