

Title (en)

Felt body production method

Title (de)

Filzkörperherstellungsverfahren

Title (fr)

Procédé de fabrication de corps en feutre

Publication

**EP 2302121 B1 20120627 (DE)**

Application

**EP 09011760 A 20090915**

Priority

EP 09011760 A 20090915

Abstract (en)

[origin: EP2302121A1] The method involves providing a support with two three-dimensional molds, and applying a non-woven fiber web or fleece (16) to the three-dimensional molds by non-ordered depositing of fibers on the molds. The pre-formed non-woven fiber web is compacted to produce a three-dimensional felt body (25) after removing the non-woven fiber web from the support, where the non-woven fiber web is compacted by the action of an amorphous medium e.g. fluid or heat, on the non-woven fiber web. An independent claim is also included for a device for manufacturing spatial felt objects i.e. brassiere cups, comprising a support.

IPC 8 full level

**D04H 1/76** (2012.01); **D04H 3/07** (2012.01); **D04H 3/11** (2012.01); **D04H 3/147** (2012.01)

CPC (source: EP US)

**D04H 1/495** (2013.01 - EP US); **D04H 1/76** (2013.01 - EP US); **D04H 3/07** (2013.01 - EP US); **D04H 3/11** (2013.01 - EP US); **D04H 3/147** (2013.01 - EP US); **D04H 18/04** (2013.01 - EP US)

Cited by

DE102019202385A1; DE102015112187A1; EP2918717A4; DE102019202385B4; WO2022101134A1; WO2017016547A3

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

**EP 2302121 A1 20110330**; **EP 2302121 B1 20120627**; BR PI1003372 A2 20130101; CN 102021748 A 20110420; CN 102021748 B 20131030; US 2011062626 A1 20110317; US 8257626 B2 20120904

DOCDB simple family (application)

**EP 09011760 A 20090915**; BR PI1003372 A 20100914; CN 201010284397 A 20100914; US 87643310 A 20100907