

Title (en)
DOUBLE LAYER KNITTED ELEMENT COMPRISING FUNCTIONAL TUCKED-IN YARNS, SHOE UPPER AND SHOE COMPRISING THE SAME

Title (de)
DOPPELLAGIGES GESTRICKTES ELEMENT MIT FUNKTIONALEN FANGFÄDEN, SCHUHOBERTEIL UND SCHUH MIT DIESEM ELEMENT

Title (fr)
ÉLÉMENT TRICOTÉ DOUBLE FACE COMPRENANT DES FILS FONCTIONNELS EN CHARGE, TIGE DE CHAUSSURE ET UNE CHAUSSURE AVEC LEDIT ÉLÉMENT TRICOTÉ

Publication
EP 4001484 B1 20240508 (EN)

Application
EP 21208263 A 20211115

Priority
DE 102020214449 A 20201117

Abstract (en)
[origin: EP4001484A1] The present invention relates to a double layer knitted element, in particular for a sports article, comprising a first layer (100) comprising a first yarn (110), and a second layer (200) comprising a second yarn (210), and a third yarn (310) arranged at least in part between the first and second layer (100, 200), wherein the third yarn (310) is attached to at least one of the first and second layer (100, 200) by a plurality of tuck stitches, wherein there is at least one miss stitch between two successive tuck stitches of the third yarn (310).

IPC 8 full level
D04B 1/12 (2006.01); **A43B 1/04** (2022.01)

CPC (source: CN EP US)
A43B 1/04 (2013.01 - CN US); **A43B 23/025** (2013.01 - US); **A43B 23/026** (2013.01 - CN); **D04B 1/00** (2013.01 - CN); **D04B 1/10** (2013.01 - US); **D04B 1/12** (2013.01 - US); **D04B 1/123** (2013.01 - EP); **D04B 1/126** (2013.01 - US); **D04B 1/14** (2013.01 - CN); **D04B 1/18** (2013.01 - CN); **D04B 1/22** (2013.01 - CN); **D04B 21/207** (2013.01 - US); **D10B 2101/20** (2013.01 - CN); **D10B 2201/00** (2013.01 - CN); **D10B 2331/10** (2013.01 - CN); **D10B 2401/041** (2013.01 - US); **D10B 2403/023** (2013.01 - EP); **D10B 2501/043** (2013.01 - EP US)

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

DOCDB simple family (publication)
EP 4001484 A1 20220525; EP 4001484 B1 20240508; CN 114517354 A 20220520; DE 102020214449 A1 20220519; DE 102020214449 B4 20231109; JP 2022080295 A 20220527; US 2022151341 A1 20220519

DOCDB simple family (application)
EP 21208263 A 20211115; CN 202111359499 A 20211117; DE 102020214449 A 20201117; JP 2021185630 A 20211115; US 202117527881 A 20211116