

Title (en)

PROCESS FOR WATERPROOFING LEATHER AND CORRESPONDING LEATHER

Title (de)

LEDERHYDROPHOBIERUNGSVERFAHREN UND DAMIT HERGESTELLTES LEDER

Title (fr)

PROCÉDÉ DE L'HYDROPHOBISATION DE CUIR ET CUIR AINSI OBTENU

Publication

EP 3402905 B1 20191218 (DE)

Application

EP 17700338 A 20170112

Priority

- DE 102016000243 A 20160112
- EP 2017050548 W 20170112

Abstract (en)

[origin: WO2017121789A1] The invention relates to a method for hydrophobising leather, comprising the steps: providing tanned and at least partially dried leather, the free-water content of which is in the range from 0 to 25 wt.% with respect to the weight of the dried leather; treating the leather with a mixture of compressed gas and a hydrophobising agent at a pressure of at least 30 bar in a pressure vessel; and relieving the pressure of the pressure vessel to ambient pressure. Leathers with a hydrophobic surface, as well as thick and firm, deep hydrophobised leathers can be obtained by applying the claimed method, which can be used, for example, for the soles of shoes.

IPC 8 full level

C14C 9/00 (2006.01)

CPC (source: EP US)

C14C 9/00 (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)

DE 102016000243 A1 20170713; CN 108779503 A 20181109; CN 108779503 B 20211102; DK 3402905 T3 20200316; EP 3402905 A1 20181121; EP 3402905 B1 20191218; PL 3402905 T3 20200615; US 10947605 B2 20210316; US 2019017129 A1 20190117; WO 2017121789 A1 20170720

DOCDB simple family (application)

DE 102016000243 A 20160112; CN 201780006602 A 20170112; DK 17700338 T 20170112; EP 17700338 A 20170112; EP 2017050548 W 20170112; PL 17700338 T 20170112; US 201716069390 A 20170112