

Title (en)  
STATION FOR PLASMA PRE-TREATMENT OF LEATHER, AS WELL AS SYSTEM FOR PROCESSING LEATHER COMPRISING SUCH STATION AND METHOD FOR PROCESSING THEREOF

Title (de)  
STATION ZUR PLASMAVORBEHANDLUNG VON LEDER SOWIE SYSTEM ZUR VERARBEITUNG VON LEDER MIT SOLCH EINER STATION UND VERFAHREN ZUR VERARBEITUNG DAVON

Title (fr)  
STATION DE PRÉTRAITEMENT AU PLASMA DU CUIR, ET SYSTÈME DE TRAITEMENT DU CUIR COMPRENANT UNE TELLE STATION ET PROCÉDÉ DE TRAITEMENT DE CELUI-CI

Publication  
**EP 4273270 A1 20231108 (EN)**

Application  
**EP 23170019 A 20230426**

Priority  
IT 202200008696 A 20220429

Abstract (en)  
A station for the pre-treatment of at least one animal leather or leather of animal origin or at least partially synthetic leather (P), the station being suitable to be used in a system (I) for processing the at least one leather (P) and comprising a station (SV) for the diffuse coating of the at least one leather (P). The pre-treatment station comprises an inlet (IPT) and an outlet (UPT) for the leather (P) and means (20) for advancing the leather (P) interposed between the inlet (IPT) and the outlet (UPT) of the pre-treatment station (PT). In this manner the pre-treatment of the leather (P) and the advancement of the latter from the inlet (IPT) of the pre-treatment station (PT) towards the outlet (UPT) of the latter is allowed. The pre-treatment station (PT) further includes plasma generation means (10) which include at least one torch (12) at least partially mutually facing the advancement means (20) suitably configured and sized to act on at least one portion of the leather (P) to be pre-treated.

IPC 8 full level  
**C14B 1/56** (2006.01); **B41J 11/00** (2006.01); **C14C 15/00** (2006.01); **D06P 3/32** (2006.01)

CPC (source: EP)  
**C14B 1/56** (2013.01); **C14C 15/00** (2013.01); **D06P 3/32** (2013.01); **D06P 5/2011** (2013.01); **B05B 13/0484** (2013.01); **D06B 13/00** (2013.01); **H05H 2245/42** (2021.05)

Citation (search report)  
• [YA] WO 2017098380 A1 20170615 - MS PRINTING SOLUTIONS S R L [IT]  
• [Y] EP 2189544 A1 20100526 - ERRETRE SPA [IT]  
• [A] US 2019270320 A1 20190905 - DE ROECK LUC [BE]  
• [A] KR 20030039405 A 20030522 - LEE KYU YONG [KR]

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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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

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DOCDB simple family (publication)  
**EP 4273270 A1 20231108**; IT 202200008696 A1 20231029

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