

Title (en)  
Leather and its treatment

Title (de)  
Leder und dessen Zurichtung

Title (fr)  
Cuir et son traitement

Publication  
**EP 1138788 B1 20041006 (DE)**

Application  
**EP 01107634 A 20010328**

Priority  
DE 10015555 A 20000330

Abstract (en)  
[origin: EP1138788A1] Tanned leather with a protective finish that covers the protein fiber surface and underlying collagen fiber network while leaving the pores open. An Independent claim is also included for a finishing process for tanned leather, comprising subjecting the leather to a plasma treatment in which an atomized matrix material carried by the plasma jet is projected onto and into the leather at high energy in a reactor at atmospheric pressure.

IPC 1-7  
**C14C 11/00**; B05D 7/24; D06M 10/04

IPC 8 full level  
**B05D 7/12** (2006.01); **B05D 7/24** (2006.01); **C14C 11/00** (2006.01); **D06M 10/04** (2006.01)

CPC (source: EP US)  
**B05D 1/62** (2013.01 - EP US); **B05D 7/12** (2013.01 - EP US); **C14C 11/00** (2013.01 - EP US)

Cited by  
KR20030039405A; WO03060166A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1138788 A1 20011004**; **EP 1138788 B1 20041006**; AT E278809 T1 20041015; DE 10015555 A1 20011018; DE 50103936 D1 20041111; US 2002020024 A1 20020221; US 6610368 B2 20030826

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**EP 01107634 A 20010328**; AT 01107634 T 20010328; DE 10015555 A 20000330; DE 50103936 T 20010328; US 82187801 A 20010329