

Title (en)  
PROCESS FOR RETANNING LEATHER WITH HOLLOW MICROSPHERES

Title (de)  
VERFAHREN ZUM NACHGERBEN VON LEDER MIT MIKROHOHLKUGELN

Title (fr)  
PROCÉDÉ DE CORROYAGE DE CUIR À L'AIDE DE MICROBILLES CREUSES

Publication  
**EP 2079853 B1 20110615 (DE)**

Application  
**EP 07820267 A 20070917**

Priority  
• EP 2007059800 W 20070917  
• DE 102006048044 A 20061011  
• DE 102007011555 A 20070309

Abstract (en)  
[origin: WO2008043643A1] A process for retanning leather has been found which is characterized in that a) a tanned leather is treated in aqueous liquor in the presence of hollow microspheres filled with blowing agent, b) the leather obtained according to a) is dried after further optional retanning steps and c1) treated with steam at 80 to 120°C, in particular at 80 to 100°C, or c2) with infrared radiation having a wavelength of 0.7 to 100 µm, it also being possible for a finishing step b1) and/or a milling step b2) to follow at a time after the drying step b).

IPC 8 full level  
**C14C 3/06** (2006.01); **C14C 9/00** (2006.01)

CPC (source: EP KR US)  
**C14C 3/06** (2013.01 - EP KR US); **C14C 3/28** (2013.01 - KR); **C14C 3/30** (2013.01 - KR); **C14C 9/00** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2008043643 A1 20080417**; AR 063184 A1 20081230; AT E513062 T1 20110715; BR PI0706204 A2 20110322; EP 2079853 A1 20090722; EP 2079853 B1 20110615; EP 2305839 A2 20110406; EP 2305839 A3 20120530; KR 20090063177 A 20090617; TW 200837198 A 20080916; US 2009205142 A1 20090820

DOCDB simple family (application)  
**EP 2007059800 W 20070917**; AR P070104463 A 20071009; AT 07820267 T 20070917; BR PI0706204 A 20070917; EP 07820267 A 20070917; EP 10197154 A 20070917; KR 20087016364 A 20080704; TW 96137747 A 20071009; US 8655307 A 20070917