

Title (en)
UNPRESSURISED EXPANSION BY MEANS OF IR

Title (de)
DRUCKLOSE EXPANSION MITTELS IR

Title (fr)
EXPANSION SANS PRESSION AU MOYEN D'IR

Publication
EP 2004864 A1 20081224 (DE)

Application
EP 07723626 A 20070327

Priority
• AT 2672006 U 20060405
• EP 2007002680 W 20070327

Abstract (en)
[origin: WO2007115680A1] The invention relates to a method for application of a coating, preferably a base coating on the grain side of a leather, in particular, a cowhide, wherein an aqueous plastic dispersion (4), comprising compact particles containing a propellant, is applied to said grain side and allowed to adhere and microscopic hollow protuberances (7) are formed from the compact particles by introduction of heat. According to the invention, the adhered plastic dispersion (4) comprising the compact particles is subjected to an infrared radiation with a wavelength of between 0.7 µm and 100 µm.

IPC 8 full level
C14C 11/00 (2006.01); **B29C 35/08** (2006.01); **C08J 3/28** (2006.01); **C14C 15/00** (2006.01)

CPC (source: EP KR)
C14C 9/00 (2013.01 - KR); **C14C 9/04** (2013.01 - KR); **C14C 11/003** (2013.01 - EP); **C14C 13/00** (2013.01 - KR); **C14C 15/00** (2013.01 - EP)

Citation (search report)
See references of WO 2007115680A1

Cited by
WO2023227678A1; IT202200011222A1

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

Designated extension state (EPC)
HR

DOCDB simple family (publication)
WO 2007115680 A1 20071018; AR 060298 A1 20080604; AT 8680 U1 20061115; AT E488607 T1 20101215; CN 101415845 A 20090422; CN 101415845 B 20121205; CN 102787184 A 20121121; DE 202006016363 U1 20070201; DE 502007005675 D1 20101230; EP 2004864 A1 20081224; EP 2004864 B1 20101117; KR 101437697 B1 20140903; KR 20080111031 A 20081222; MX 2008012667 A 20090203; NO 20084417 L 20081028; PL 2004864 T3 20110429; ZA 200808048 B 20091230

DOCDB simple family (application)
EP 2007002680 W 20070327; AR P070101432 A 20070404; AT 07723626 T 20070327; AT 2672006 U 20060405; CN 200780012416 A 20070327; CN 201210240720 A 20070327; DE 202006016363 U 20061025; DE 502007005675 T 20070327; EP 07723626 A 20070327; KR 20087024217 A 20070327; MX 2008012667 A 20070327; NO 20084417 A 20081021; PL 07723626 T 20070327; ZA 200808048 A 20080919