

Title (en)

METHOD AND PLANT FOR PRINTING HIDES

Title (de)

VERFAHREN UND ANLAGE ZUM BEDRUCKEN VON TIERHÄUTEN

Title (fr)

PROCEDE ET INSTALLATION POUR L'IMPRESSION DES PEAUX

Publication

EP 2566987 A1 20130313 (EN)

Application

EP 11727767 A 20110505

Priority

- IT VI20100124 A 20100505
- IB 2011052002 W 20110505

Abstract (en)

[origin: WO2011138760A1] A device for printing industrial hides comprises a drying chamber (2) internally housing a support surface (3) for at least one hide (P), a cover (10) placed on the top of the support surface (3) in order to define the drying chamber (2), heating means (6) associated with the support surface (3) in order to bring it to a drying temperature, an impermeable flexible membrane (14) placed on the top of the support surface (3) to divide the chamber (2) into an upper portion (21) and a lower portion (2"), pressure means (13) of vacuum type with a suction line (15) connected to the lower portion (2") of the chamber (2) in order to define a pressure difference between the portions (21, 2") of the chamber (2). The drying chamber (2) internally comprises at least one matrix (4) positioned on the surface (3) and having an upper surface (5) reproducing in negative a pattern to be printed on the hide (P). The vacuum pressure means (13) comprise one or more suction passages (17) made in the support surface (3) in a position substantially facing the cover (10) in order to fluidly connect the lower portion (2") with the suction line (15) and to promote the compression of the hide (P) on the matrix (4) for the printing of the ornamental pattern.

IPC 8 full level

C14B 1/58 (2006.01); **C14B 1/26** (2006.01); **C14B 1/56** (2006.01)

CPC (source: EP KR)

C14B 1/26 (2013.01 - EP KR); **C14B 1/56** (2013.01 - EP KR); **C14B 1/58** (2013.01 - EP KR)

Citation (search report)

See references of WO 2011138760A1

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)

WO 2011138760 A1 20111110; AU 2011249456 A1 20121206; AU 2011249456 B2 20141120; BR 112012028262 A2 20161101; BR 112012028262 B1 20191203; CN 102947469 A 20130227; CN 102947469 B 20141231; EP 2566987 A1 20130313; EP 2566987 B1 20140326; ES 2473571 T3 20140707; IT 1400014 B1 20130509; IT VI20100124 A1 20111106; KR 101850766 B1 20180423; KR 20130092414 A 20130820; PT 2566987 E 20140624

DOCDB simple family (application)

IB 2011052002 W 20110505; AU 2011249456 A 20110505; BR 112012028262 A 20110505; CN 201180029664 A 20110505; EP 11727767 A 20110505; ES 11727767 T 20110505; IT VI20100124 A 20100505; KR 20127030105 A 20110505; PT 11727767 T 20110505