

Title (en)

METHOD FOR WORKING POLYMERIC AND INORGANIC MATERIALS WITH PLASMA

Title (de)

VERFAHREN ZUR BEARBEITUNG VON POLYMEREN UND ANORGANISCHEN STOFFEN MIT PLASMA

Title (fr)

PROCEDE D'USINAGE AU PLASMA DE MATERIAUX POLYMERES ET INORGANIQUES

Publication

**EP 1649100 A1 20060426 (EN)**

Application

**EP 03817632 A 20030725**

Priority

IT 0300463 W 20030725

Abstract (en)

[origin: WO2005010271A1] The present invention relates to a method for the working of woven and non-woven fabrics, yarns, natural and polymeric fibres, and inorganic fibres and films, glass and alcantara. In particular, it relates to a method that permits the improvement of surface characteristics, and even the possibility of obtaining new surface characteristics. Said method comprises substrate surface processing with cold plasma, after or during appropriate and specific surface degassing action.

IPC 1-7

**D06M 10/02**; **D06B 19/00**; **D06M 14/18**

IPC 8 full level

**D06B 19/00** (2006.01); **D06M 10/02** (2006.01); **D06M 14/18** (2006.01)

CPC (source: EP)

**D06B 19/00** (2013.01); **D06M 10/025** (2013.01); **D06M 10/04** (2013.01); **D06M 13/513** (2013.01); **D06M 14/18** (2013.01); **D06M 2400/01** (2013.01); **D06P 5/2011** (2013.01)

Citation (search report)

See references of WO 2005010271A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005010271 A1 20050203**; AU 2003253275 A1 20050214; EP 1649100 A1 20060426; EP 2287394 A1 20110223; EP 2287394 B1 20140101

DOCDB simple family (application)

**IT 0300463 W 20030725**; AU 2003253275 A 20030725; EP 03817632 A 20030725; EP 10184545 A 20030725