

Title (en)
INFRARED SOLVENT STRIPPING PROCESS

Title (de)
INFRAROT-LÖSUNGSMITTELABSTREIFVERFAHREN

Title (fr)
PROCESSUS DE DÉCAPAGE DE SOLVANT INFRAROUGE

Publication
EP 2174084 B1 20140319 (EN)

Application
EP 08781650 A 20080711

Priority
• US 2008069717 W 20080711
• US 95904507 P 20070711

Abstract (en)
[origin: WO2009009707A1] A process for stripping chemically bonded spinning solvent from a solution-spun nonwoven web comprising the steps of providing a nonwoven web comprising solvent-laden polymeric fibers having average fiber diameters of less than about 1 micrometer, and transporting the nonwoven web through at least one infrared solvent stripping station wherein infrared radiation irradiates the nonwoven web in the absence of a solvent stripping fluid impinging on the nonwoven web in order to reduce the solvent concentration of the fibers to less than about 10,000 ppmw.

IPC 8 full level
F26B 3/30 (2006.01); **D04H 1/728** (2012.01); **D04H 1/732** (2012.01); **F26B 13/10** (2006.01); **F26B 13/30** (2006.01)

CPC (source: EP)
F26B 3/30 (2013.01); **F26B 13/101** (2013.01); **F26B 13/30** (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2009009707 A1 20090115; CN 101809397 A 20100818; CN 101809397 B 20131113; EP 2174084 A1 20100414; EP 2174084 B1 20140319; JP 2010533248 A 20101021; JP 5377479 B2 20131225; KR 20100047257 A 20100507

DOCDB simple family (application)
US 2008069717 W 20080711; CN 200880023899 A 20080711; EP 08781650 A 20080711; JP 2010516256 A 20080711; KR 20107002979 A 20080711