

Title (en)  
METHOD FOR THERMAL SURFACE POST-CROSSLINKING IN A DRUM-TYPE HEAT EXCHANGER HAVING AN INVERSE SCREW FLIGHT

Title (de)  
VERFAHREN ZUR THERMISCHEN OBERFLÄCHENNACHVERNETZUNG IN EINEM TROMMELWÄRMETAUSCHER MIT INVERSER SCHNECKENWENDEL

Title (fr)  
PROCÉDÉ DE POST-RÉTICULATION THERMIQUE SUPERFICIELLE DANS UN ÉCHANGEUR THERMIQUE À TAMBOUR À VIS HÉLICOÏDALE CONTRAROTATIVE

Publication  
**EP 2831153 A1 20150204 (DE)**

Application  
**EP 13713395 A 20130320**

Priority  
• EP 12162501 A 20120330  
• EP 2013055827 W 20130320  
• EP 13713395 A 20130320

Abstract (en)  
[origin: WO2013143943A1] The invention relates to a method for the thermal surface post-crosslinking of water-absorbing polymer particles, wherein the polymer particles are coated with an aqueous solution, the coated polymer particles are disaggregated, and the disaggregated polymer particles are thermally surface post-crosslinked by means of a drum-type heat exchanger having an inverse screw flight.

IPC 8 full level  
**C08J 3/24** (2006.01); **B01J 19/20** (2006.01); **F28F 5/02** (2006.01)

CPC (source: EP)  
**B01J 8/10** (2013.01); **C08J 3/245** (2013.01); **F28F 5/02** (2013.01); **B01J 2208/00212** (2013.01); **B01J 2208/00407** (2013.01); **B01J 2208/00415** (2013.01); **B01J 2208/00557** (2013.01); **C08J 2333/02** (2013.01)

Citation (search report)  
See references of WO 2013143943A1

Citation (third parties)  
Third party :  
• US 5409771 A 19950425 - DAHMEN KURT [DE], et al  
• US 5672633 A 19970930 - BREHM HELMUT [DE], et al  
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• JP H09303966 A 19971128 - YOSHIDA SHIGERU  
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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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2013143943 A1 20131003**; CN 104204039 A 20141210; EP 2831153 A1 20150204; JP 2015512990 A 20150430

DOCDB simple family (application)  
**EP 2013055827 W 20130320**; CN 201380018544 A 20130320; EP 13713395 A 20130320; JP 2015502217 A 20130320