

Title (en)  
PROCESS FOR MAKING ABSORBENT COMPONENT

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINER SAUGFÄHIGEN KOMPONENTE

Title (fr)  
PROCESSUS DE FABRICATION D'UN COMPOSANT ABSORBANT

Publication  
**EP 2683861 B1 20150429 (EN)**

Application  
**EP 12710603 A 20120305**

Priority  
• DE 102011013216 A 20110305  
• US 2012027680 W 20120305

Abstract (en)  
[origin: WO2012122083A1] The invention relates to a method and a device for grinding strand-like fibrous material, wherein the strand-like fibrous material is fed towards the cutting edge of a cutting mechanism and wherein a moveable striking mechanism for grinding the fibrous material cooperates with the cutting mechanism. Associated with the cutting mechanism is a moveable clamping mechanism, by means of which the fibrous material is clamped in an oscillating manner. In order to be able to produce optimally uniform fibrous shreds, as defined by the position of the cutting edge, the fibrous material is, according to the present disclosure, guided through an oscillating clamping gap formed between the clamping mechanism and the cutting mechanism, wherein the clamping mechanism is guided in a back and forth clamping movement relative to the cutting mechanism. For this purpose, the clamping gap is formed by arranging the clamping mechanism and the cutting mechanism opposite one another in a clamping plane.

IPC 8 full level  
**D01G 1/04** (2006.01)

CPC (source: EP)  
**D01G 1/04** (2013.01)

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 2012122083 A1 20120913**; BR 112013020814 A2 20161004; BR 112013020815 A2 20161018; CN 103403239 A 20131120; CN 103403239 B 20151223; CN 103415656 A 20131127; CN 103415656 B 20160120; EP 2683860 A1 20140115; EP 2683860 B1 20150429; EP 2683861 A1 20140115; EP 2683861 B1 20150429; WO 2012122084 A1 20120913

DOCDB simple family (application)  
**US 2012027678 W 20120305**; BR 112013020814 A 20120305; BR 112013020815 A 20120305; CN 201280011696 A 20120305; CN 201280011719 A 20120305; EP 12709457 A 20120305; EP 12710603 A 20120305; US 2012027680 W 20120305