

Title (en)  
PROCESS FOR USING A BRAIDING MACHINE WITH REINFORCING FIBRES

Title (de)  
VERFAHREN ZUR NUTZUNG EINER FLECHTMASCHINE MIT VERSTÄRKUNGSFASERN

Title (fr)  
PROCEDE D'EXPLOITATION D'UNE MACHINE DE TRESSAGE DE FIBRES RENFORCANTES

Publication  
**EP 2536874 A2 20121226 (FR)**

Application  
**EP 11705810 A 20110211**

Priority  
• FR 1051170 A 20100218  
• EP 2011000659 W 20110211

Abstract (en)  
[origin: WO2011101110A2] The invention relates to a method for the operation of a plaiting machine (1) that comprises a ring (2) carrying fiber spools (3) for plaiting layers (16, 22) of fibers (3) about a mandrel (13, 17) carried by a carrier (12) capable of movement along the axis (AX) of the ring (2), wherein after plaiting the fibers (3) are cut in order to withdraw the mandrel (13, 17), and that comprises: a hub (5, 6; 18) carried by the carrier (12) and secured to the mandrel (13; 17) while being mounted upstream therefrom; an operation for tightening the fibers (3) around the hub (5, 6; 18) with a link (11, 14) surrounding said fibers (3) after the mandrel (13, 17) has passed through the ring (2); and in which the fibers (3) are cut between the mandrel (13, 17) and the hub (5, 6; 18) before withdrawing the mandrel (13, 17).

IPC 8 full level  
**D04C 3/48** (2006.01)

CPC (source: EP US)  
**D04C 1/02** (2013.01 - EP US); **D04C 3/40** (2013.01 - US); **D04C 3/48** (2013.01 - EP US); **D10B 2505/02** (2013.01 - EP US)

Citation (search report)  
See references of WO 2011101110A2

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)  
**FR 2956415 A1 20110819; FR 2956415 B1 20120413**; BR 112012020779 A2 20160503; CA 2790180 A1 20110825; CA 2790180 C 20150804; CN 102762787 A 20121031; CN 102762787 B 20140604; EP 2536874 A2 20121226; EP 2536874 B1 20180627; JP 2013519806 A 20130530; JP 5405674 B2 20140205; RU 2012139831 A 20140327; RU 2523072 C2 20140720; US 2013133508 A1 20130530; US 8800417 B2 20140812; WO 2011101110 A2 20110825; WO 2011101110 A3 20120809

DOCDB simple family (application)  
**FR 1051170 A 20100218**; BR 112012020779 A 20110211; CA 2790180 A 20110211; CN 201180009806 A 20110211; EP 11705810 A 20110211; EP 2011000659 W 20110211; JP 2012553211 A 20110211; RU 2012139831 A 20110211; US 201113579725 A 20110211