

Title (en)  
METHOD FOR CUTTING FLAT MATERIAL IN ACCORDANCE WITH CUTTING PATTERNS

Title (de)  
VERFAHREN ZUM SCHNITTMUSTERGERECHTEN ZUSCHNEIDEN VON FLÄCHIGEM GUT

Title (fr)  
PROCÉDÉ DE DÉCOUPAGE D'UN MATÉRIAU PLAN CONFORMÉMENT À UN PATRON

Publication  
**EP 2328729 A1 20110608 (DE)**

Application  
**EP 09744096 A 20090930**

Priority  
• EP 2009062711 W 20090930  
• DE 102008049791 A 20080930

Abstract (en)  
[origin: WO2010054889A1] The invention relates to a method for cutting flat material in accordance with cutting patterns, in particular limp flexible flat material such as fabric with a repeating pattern. In the method, an alignment, or "matching" is carried out, wherein selected characteristic points of the individual cut parts of a cutting pattern that take the repeating pattern into account are used. In establishing the cutting pattern, not only are the characteristic points selected, but said points are also evaluated with regard to significance and mutual dependency. The alignment is first done with regard to the point of maximum value and thereafter in stepwise fashion one after the other with regard to the respective point of next highest value, optionally taking into account a hierarchical, tree-like structure. This allows an automatic, programmably-controlled approach to the respective point to be aligned and allows an evaluation to be made as to the necessity of an alignment.

IPC 8 full level  
**D06H 7/00** (2006.01); **B26D 5/00** (2006.01); **B26F 1/38** (2006.01)

CPC (source: EP)  
**B26D 5/00** (2013.01); **B26D 5/005** (2013.01); **B26D 5/007** (2013.01); **B26F 1/3813** (2013.01); **D06H 7/00** (2013.01); **B26D 7/018** (2013.01); **B26D 2005/002** (2013.01)

Citation (search report)  
See references of WO 2010054889A1

Cited by  
FR3097462A1; WO2020254739A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**WO 2010054889 A1 20100520**; DE 102008049791 A1 20100527; EP 2328729 A1 20110608; EP 2328729 B1 20130731

DOCDB simple family (application)  
**EP 2009062711 W 20090930**; DE 102008049791 A 20080930; EP 09744096 A 20090930