

Title (en)
PLANT FOR PRODUCING NONWOVEN FABRIC AND PROCESS FOR PRODUCING NONWOVEN FABRIC

Title (de)
ANLAGE ZUR HERSTELLUNG EINES VLIESTOFFS UND VERFAHREN ZUR HERSTELLUNG EINES VLIESTOFFS

Title (fr)
INSTALLATION POUR PRODUIRE UN NON-TISSÉ ET PROCÉDÉ POUR PRODUIRE UN NON-TISSÉ

Publication
EP 3865613 A1 20210818 (EN)

Application
EP 21157383 A 20210216

Priority
IT 202000003074 A 20200217

Abstract (en)
Plant (1) for producing nonwoven fabric, comprising a main channel (3) extended along a vertical axis (Y), an adjustment station (7), which comprises at least two stretch walls (9), which are extended opposite each other and are provided with two respective internal faces (9') which define between them a stretch section (8) in the main channel (3) and two opposite external faces (9'') externally directed with respect to the main channel (3), first deformation means (10) mechanically constrained to the external faces (9'') of the stretch walls (9) in order to deform the stretch section (8) of the main channel (3) and comprising at least one first deformable member (11') mechanically fixed on the external face (9'') of a first stretch wall (9A) and extended at least along a first transverse axis (X') orthogonal to the vertical axis (Y), at least one second deformable member (11'') mechanically fixed on the external face (9'') of a second stretch wall (9B) and extended at least along a second transverse axis (X'') orthogonal to the vertical axis (Y) and parallel to the first transverse axis (X'), the first deformable member (11') and the second deformable member (11'') are actuatable at least between a rest configuration, in which they are extended substantially parallel to each other and a deformation configuration, in which they define two corresponding curved profiles, in order to vary the shape of the stretch section (8) of said main channel (3).

IPC 8 full level
D04H 3/02 (2006.01); **D01D 5/098** (2006.01); **D04H 3/03** (2012.01)

CPC (source: EP)
D01D 5/0985 (2013.01); **D04H 3/02** (2013.01); **D04H 3/03** (2013.01); **D04H 3/16** (2013.01)

Citation (applicant)
• US 8992810 B2 20150331 - SCHÜTT GÜNTER [DE], et al
• EP 1323852 A1 20030702 - REIFENHAEUSER MASCH [DE]

Citation (search report)
• [AD] EP 1323852 A1 20030702 - REIFENHAEUSER MASCH [DE]
• [A] US 4692106 A 19870908 - GRABOWSKI ROBERT [DE], et al

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)
EP 3865613 A1 20210818; EP 3865613 B1 20221012; IT 202000003074 A1 20210817

DOCDB simple family (application)
EP 21157383 A 20210216; IT 202000003074 A 20200217