

Title (en)
NON-WOVEN FUNNEL FOR COMPRESSING A NON-WOVEN FIBRE

Title (de)
VLIESTRICHTER ZUM VERDICHTEN EINES FASERVLESSES

Title (fr)
ENTONNOIR EN FIBRE DESTINE A ETANCHEIFIER UN NON-TISSE EN FIBRES

Publication
EP 3054039 B1 20210526 (DE)

Application
EP 16153783 A 20160202

Priority
DE 102015101704 A 20150206

Abstract (en)
[origin: JP2016145443A] PROBLEM TO BE SOLVED: To provide a fabric funnel used in a method capable of leading a fiber fabric to pass through the fabric funnel at high speed in order to achieve high-level quality of fiber bundles fed out of the fabric funnel.SOLUTION: An outlet opening 4 is disposed on an outlet side 3. At least one of guide surfaces 5a, 5b is disposed for a fiber fabric between an inlet side 2 and the outlet side so as to lead the fiber fabric toward the outlet opening to pass through a fabric funnel 1. Steps 6a, 6b are disposed between the guide surfaces and the outlet opening. At least one intermediate face 7a is disposed between the step and the outlet opening.SELECTED DRAWING: Figure 1

IPC 8 full level
D01H 5/72 (2006.01); **D01G 15/46** (2006.01)

CPC (source: CN EP)
D01G 15/46 (2013.01 - EP); **D01H 5/72** (2013.01 - CN EP)

Cited by
EP3604645A1

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)
EP 3054039 A1 20160810; EP 3054039 B1 20210526; BR 102016002443 A2 20160809; BR 102016002443 B1 20220412;
CN 105862190 A 20160817; CN 105862190 B 20200929; DE 102015101704 A1 20160811; JP 2016145443 A 20160812

DOCDB simple family (application)
EP 16153783 A 20160202; BR 102016002443 A 20160203; CN 201610072539 A 20160202; DE 102015101704 A 20150206;
JP 2016019256 A 20160203