

Title (en)
WATERMARK FORMATION

Title (de)
AUSBILDUNG VON WASSERZEICHEN

Title (fr)
FILIGRANAGE

Publication
EP 3399096 B1 20220824 (EN)

Application
EP 18179661 A 20151106

Priority

- GB 201419956 A 20141110
- GB 201419957 A 20141110
- GB 201419960 A 20141110
- GB 201419978 A 20141110
- GB 201419986 A 20141110
- GB 201419987 A 20141110
- EP 15794255 A 20151106
- GB 2015053370 W 20151106

Abstract (en)
[origin: WO2016075442A1] The invention relates to a watermark formation element for forming watermarks in paper, a cylinder mould cover comprising such a watermark formation element, a method of making such a cylinder mould cover, a method of making paper using such a cylinder mould cover and paper made thereby. The watermark formation element has an integrated body comprising a watermark forming surface, which has one or more watermark forming regions, and a drainage surface, said watermark formation element (20) having a plurality of drainage channels (22) extending from front surface apertures (23) in the watermark forming surface to the drainage surface. Each front surface aperture in the watermark forming surface (21) has a rounded rim (26).

IPC 8 full level
D21F 1/44 (2006.01)

CPC (source: EP)
D21F 1/44 (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 2016075442 A1 20160519; DK 3399096 T3 20221017; EP 3218545 A1 20170920; EP 3218545 B1 20180926; EP 3399096 A1 20181107; EP 3399096 B1 20220824; EP 3399097 A1 20181107; ES 2691231 T3 20181126; ES 2927756 T3 20221110; HU E059834 T2 20230128; PL 3218545 T3 20190531; PL 3399096 T3 20230102; SI 3218545 T1 20190131

DOCDB simple family (application)
GB 2015053370 W 20151106; DK 18179661 T 20151106; EP 15794255 A 20151106; EP 18179661 A 20151106; EP 18179665 A 20151106; ES 15794255 T 20151106; ES 18179661 T 20151106; HU E18179661 A 20151106; PL 15794255 T 20151106; PL 18179661 T 20151106; SI 201530527 T 20151106