

Title (en)
SECURITY SHEET RESISTANT TO CRUMPLING AND HARD CREASING

Title (de)
GEGEN REIBEN UND KNAUTSCHEN RESISTENTE SICHERHEITSFOLIE

Title (fr)
FEUILLE DE SECURITE RESISTANTE AU FROISSEMENT ET AU PLI MARQUE

Publication
EP 3172379 B1 20190130 (FR)

Application
EP 15741536 A 20150721

Priority
• FR 1457239 A 20140725
• EP 2015066668 W 20150721

Abstract (en)
[origin: WO2016012461A1] The present invention relates to a security sheet which is resistant to crumpling and hard creasing, including at least fibres, polymer aggregates having a glass-transition temperature greater than 23 °C, and an effective amount of a cationic flocculating agent, referred to as the main agent. The invention also relates to the method for producing said security sheet and to a security document comprising said security sheet.

IPC 8 full level
D21H 17/34 (2006.01); **D21H 21/06** (2006.01); **D21H 21/18** (2006.01); **D21H 21/40** (2006.01)

CPC (source: EP)
D21H 17/34 (2013.01); **D21H 21/06** (2013.01); **D21H 21/18** (2013.01); **D21H 21/40** (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 2016012461 A1 20160128; EP 3172379 A1 20170531; EP 3172379 B1 20190130; ES 2720251 T3 20190719; FR 3024165 A1 20160129; FR 3024165 B1 20170519; HU E042649 T2 20190729; PL 3172379 T3 20190830; SI 3172379 T1 20190531

DOCDB simple family (application)
EP 2015066668 W 20150721; EP 15741536 A 20150721; ES 15741536 T 20150721; FR 1457239 A 20140725; HU E15741536 A 20150721; PL 15741536 T 20150721; SI 201530704 T 20150721