

Title (en)
Paper with security impression

Title (de)
Papier mit Sicherheitsaufdruck

Title (fr)
Papier doté d'une impression de sécurité

Publication
EP 2116385 B1 20121212 (DE)

Application
EP 09005264 A 20090409

Priority
DE 102008023001 A 20080509

Abstract (en)
[origin: EP2116385A1] The paper (1) comprises an imprinted marking (2), which is invisible for the human eye and is visible on a copy of the paper produced on a photocopying apparatus, and a water-mark (5). The marking is imprinted on both sides of the paper by raster points (3). An area (4) surrounding the marking is printed on with raster points that is smaller than the raster points of the marking. The entire paper is printed on one side with raster points. The ratio of the raster point size to the distance between two raster points is identical. The both raster points have same optical brightness. The paper (1) comprises an imprinted marking (2), which is invisible for the human eye and is visible on a copy of the paper produced on a photocopying apparatus, and a water-mark (5). The marking is imprinted on both sides of the paper by raster points (3). An area (4) surrounding the marking is printed on with raster points that is smaller than the raster points of the marking. The entire paper is printed on one side with raster points. The ratio of the raster point size to the distance between two raster points is identical. The both raster points have same optical brightness. The water-mark is brought into the paper after the paper production. A pattern is intended, which is recognized by a copier or a scanner.

IPC 8 full level
B41M 3/14 (2006.01); **B42D 15/00** (2006.01); **B44F 1/10** (2006.01); **D21H 21/40** (2006.01); **G03C 5/08** (2006.01); **G03G 21/04** (2006.01)

CPC (source: EP US)
B41M 3/14 (2013.01 - US); **B41M 3/146** (2013.01 - EP); **B42D 25/29** (2014.10 - EP); **B42D 25/333** (2014.10 - EP US); **B44F 1/10** (2013.01 - EP); **D21H 21/40** (2013.01 - EP); **G03C 5/08** (2013.01 - EP); **G03G 21/046** (2013.01 - EP)

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