

Title (en)
Colour switching

Title (de)
Farbumschaltung

Title (fr)
Commutation de couleurs

Publication
EP 2088003 B1 20110302 (EN)

Application
EP 08101159 A 20080131

Priority
EP 08101159 A 20080131

Abstract (en)
[origin: EP2088003A1] The invention relates to a method for printing one or more security items (10) on a substrate of which at least a part is made of a transparent material, wherein the method comprises the steps of - printing a first pattern of indicia (1) in at least two colours (Y, M, C) on one side of the said transparent material, this first pattern of indicia (1) being provided such that a partitive mixing of colours occurs between the colours (Y, M, C) of these indicia of the first pattern (1); - printing a second pattern of indicia (2) on the opposite side of the said transparent material, such that particular indicia of the first pattern (1) are at least partially overlapped by the indicia of the second pattern (2); - the overlapping indicia of the second pattern (2) having a filtering or masking function with relation to the overlapped indicia of the first pattern (1) such that, because of the parallax effect due to the thickness of the substrate, the partitive colour mixing of the indicia of the first pattern (1) changes with a changing angle of view resulting in a change of the overall colour of the indicia. The invention furthermore relates to a security item (10) printed on a security document according to such a method.

IPC 8 full level
B41M 3/14 (2006.01); **B42D 15/00** (2006.01); **B42D 15/10** (2006.01)

CPC (source: EP)
B41M 3/148 (2013.01)

Cited by
RU2605074C1; JP2021074902A; JP2021074901A; EP2566704B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2088003 A1 20090812; EP 2088003 B1 20110302; AT E500069 T1 20110315; DE 602008005253 D1 20110414; ES 2359536 T3 20110524; PL 2088003 T3 20110630

DOCDB simple family (application)
EP 08101159 A 20080131; AT 08101159 T 20080131; DE 602008005253 T 20080131; ES 08101159 T 20080131; PL 08101159 T 20080131