

Title (en)
PERSONALISABLE SECURITY ELEMENT

Title (de)
PERSONALISIERBARES SICHERHEITSELEMENT

Title (fr)
ÉLEMENT DE SECURITE PERSONNALISABLE

Publication
EP 3178660 B1 20190206 (DE)

Application
EP 15003477 A 20151207

Priority
EP 15003477 A 20151207

IPC 8 full level
B42D 25/41 (2014.01); **B42D 25/21** (2014.01); **B42D 25/25** (2014.01); **B42D 25/30** (2014.01); **B42D 25/364** (2014.01); **B42D 25/47** (2014.01)

CPC (source: EP)
B42D 25/21 (2014.10); **B42D 25/25** (2014.10); **B42D 25/30** (2014.10); **B42D 25/364** (2014.10); **B42D 25/41** (2014.10); **B42D 25/47** (2014.10)

Citation (opposition)
Opponent : Giesecke+Devrient Currency Technology GmbH
• WO 2013050140 A1 20130411 - HUECK FOLIEN GMBH [AT]
• EP 1584647 A1 20051012 - HUECK FOLIEN GMBH [AT]
• WO 03061980 A1 20030731 - RUE DE INT LTD [GB], et al
• DE 102012001121 A1 20130725 - LEONHARD KURZ STIFTUNG & CO KG [DE]
• WO 0116426 A1 20010308 - GIESECKE & DEVRIENT GMBH [DE], et al
• EP 1972462 A2 20080924 - GIESECKE & DEVRIENT GMBH [DE]
• EP 1609619 A2 20051228 - GIESECKE & DEVRIENT GMBH [DE]
• WO 2010003646 A1 20100114 - GIESECKE & DEVRIENT GMBH [DE], et al
• WO 9719818 A1 19970605 - GIESECKE & DEVRIENT GMBH [DE], et al
• WO 2011051682 A1 20110505 - RUE DE INT LTD [GB], et al
• WO 2008043981 A1 20080417 - RUE DE INT LTD [GB], et al
• EP 1281538 A2 20030205 - MERCK PATENT GMBH [DE]
• EP 1661729 A2 20060531 - MERCK PATENT GMBH [DE]
• WO 2005108110 A1 20051117 - GIESECKE & DEVRIENT GMBH [DE], et al
• WO 2006128607 A2 20061207 - GIESECKE & DEVRIENT GMBH [DE], et al
• CA 2155233 A1 19970203 - MARKIEWICZ MICHAEL J [CA]
• US 2008042427 A1 20080221 - MUKE SANI [AU]
• EP 2174796 A1 20100414 - EUROPEAN CENTRAL BANK [DE]
• WO 2005108108 A2 20051117 - GIESECKE & DEVRIENT GMBH [DE], et al
• WO 0162509 A1 20010830 - GIESECKE & DEVRIENT GMBH [DE], et al
• EP 1748306 A1 20070131 - DAINIPPON PRINTING CO LTD [JP]
• EP 1567363 B1 20070328 - SCHREINER GROUP GMBH & CO KG [DE]
• ANONYMOUS: "Neozapon ® Black X51 Neozapon ® Schwarz X51", BASF - DATENBLATT, 1 February 2006 (2006-02-01), XP055648727, Retrieved from the Internet <URL:http://xtgchem.cn/upload/20110704113751.pdf>
• ANONYMOUS: "Magnetit", WIKIPEDIA, 12 November 2014 (2014-11-12), XP055648731, Retrieved from the Internet <URL:https://de.wikipedia.org/w/index.php?title=Magnetit&oldid=136689445>

Cited by
DE102020209557B4; DE102021207161A1; WO2023280673A1

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 3178660 A1 20170614; EP 3178660 B1 20190206; EP 3178660 B2 20221228; ES 2724550 T3 20190912; PL 3178660 T3 20190731

DOCDB simple family (application)
EP 15003477 A 20151207; ES 15003477 T 20151207; PL 15003477 T 20151207