

Title (en)  
ID CARDS WITH BLOCKED LASER ENGRAVING WRITABILITY

Title (de)  
ID-KARTEN MIT BLOCKIERTER LASERGRAVURBESCHREIBBARKEIT

Title (fr)  
CARTES ID À BLOCAGE D'INSCRIPTIBILITÉ PAR GRAVURE LASER

Publication  
**EP 2349733 A1 20110803 (DE)**

Application  
**EP 09778880 A 20091010**

Priority

- EP 2009007269 W 20091010
- EP 08018547 A 20081023
- EP 09778880 A 20091010

Abstract (en)  
[origin: EP2179857A1] Laser-engraving labeled layer structure comprises at least one thermoplastic synthetic material layer labeled by laser engraving and a surface layer partially- or completely reflecting or absorbing infrared radiation. Independent claims are also included for: (1) a security document, preferably an identification document comprising the laser-engraving labeled layer structure; and (2) a procedure for blocking the writeability by means of laser engraving on the laser-engraving labeled layer structure, comprising providing the thermoplastic synthetic material layer labeled by laser engraving and a surface layer partially- or completely reflecting or absorbing infrared radiation.

IPC 8 full level  
**B41M 5/24** (2006.01); **B41M 3/14** (2006.01); **B41M 7/00** (2006.01); **B42D 15/10** (2006.01)

CPC (source: EP KR US)  
**B41M 3/14** (2013.01 - KR); **B41M 5/24** (2013.01 - EP KR US); **B41M 7/00** (2013.01 - KR); **B41M 7/0027** (2013.01 - EP US); **B42D 25/435** (2014.10 - KR); **Y10T 428/24802** (2015.01 - EP US)

Citation (search report)  
See references of WO 2010046042A1

Designated contracting state (EPC)  
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