

Title (en)  
ABLATION BLOCKERS

Title (de)  
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Title (fr)  
BLOQUEURS D'ABLATION

Publication  
**EP 3674098 A1 20200701 (EN)**

Application  
**EP 19170398 A 20190419**

Priority  
• EP 19170398 A 20190419  
• EP 18248271 A 20181228

Abstract (en)  
A data carrier (1) comprises in this sequence along a first direction (d1) a cover layer (2), at least a first processing layer (4a) and a second processing layer (4b), and a base layer (3). The data carrier (1) further comprises at least one protection structure (5a) which is arranged between the first and second processing layers (4a, 4b). The protection structure (5a) is configured such that, upon irradiation of electromagnetic radiation (R) constituting a first spectrum along the first direction (d1), the protection structure (5a) essentially entirely prevents said electromagnetic radiation (R) from impinging on the second processing layer (4b). A method of producing a data carrier (1) comprises the steps of providing a cover layer (2), at least a first processing layer (4a) and a second processing layer (4b), a base layer (3) and at least one protection structure (5a). The protection structure (5a) is configured such that, upon irradiation of electromagnetic radiation (R) constituting a first spectrum along the first direction (d1), the protection structure (5a) essentially entirely prevents said electromagnetic radiation (R) from impinging on the second processing layer (4b).

IPC 8 full level  
**B42D 25/387** (2014.01); **B42D 13/00** (2006.01); **B42D 25/23** (2014.01); **B42D 25/24** (2014.01); **B42D 25/346** (2014.01); **B42D 25/382** (2014.01); **B42D 25/435** (2014.01)

CPC (source: EP)  
**B42D 13/00** (2013.01); **B42D 25/23** (2014.10); **B42D 25/24** (2014.10); **B42D 25/346** (2014.10); **B42D 25/382** (2014.10); **B42D 25/387** (2014.10); **B42D 25/435** (2014.10)

Citation (applicant)  
• WO 2012097463 A1 20120726 - TRUEB AG [CH], et al  
• EP 0327508 A2 19890809 - CIBA GEIGY AG [CH]  
• WO 9635585 A1 19961114 - DSM NV [NL], et al  
• WO 0136208 A2 20010525 - ORGA KARTENSYSTEME GMBH [DE], et al

Citation (search report)  
• [X] EP 1935663 A1 20080625 - SETEC OY [FI]  
• [X] US 2005161512 A1 20050728 - JONES ROBERT L [US], et al  
• [X] FR 3050140 A1 20171020 - SMART PACKAGING SOLUTIONS [FR]  
• [A] EP 1983473 A1 20081022 - GIESECKE & DEVRIENT GMBH [DE]

Cited by  
EP4098455A1; WO2022253972A1

Designated contracting state (EPC)  
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Designated extension state (EPC)  
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