

Title (en)

SUBSTRATE EQUIPPED WITH A MULTILAYER COMPRISING PARTIAL METAL FILMS, GLAZING UNIT, USE AND PROCESS

Title (de)

SUBSTRAT MIT EINER MEHRFACHSCHICHT MIT PARTIELLEN METALLSCHICHTEN, VERGLASUNGSEINHEIT UND -VERFAHREN

Title (fr)

SUBSTRAT MUNI D'UN EMPILEMENT A COUCHES MÉTALLIQUES PARTIELLES, VITRAGE, UTILISATION ET PROCÉDÉ.

Publication

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Application

**EP 15731643 A 20150522**

Priority

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Abstract (en)

[origin: WO2015177481A1] The invention relates to a substrate (30) coated on one face (31) with a thin-film multilayer (34, 35, 36) containing at least one metal functional film (140, 180, 220) based on silver or made of silver having a thickness e comprised between 7 nm and 20 nm inclusive of these values, and two antireflection coatings (120, 160, 200, 240), said antireflection coatings each comprising at least one antireflection film (124, 164, 204, 244), said functional film (140) being placed between the two antireflection coatings (120, 160), characterised in that said multilayer comprises two discontinuous metal films (123, 167) each having a thickness e' comprised between 0.5 nm and 5 nm inclusive of these values, a lower discontinuous metal film (123) being located between, on the one hand, said face (31), and on the other hand, the only or the first metal functional film (140) as counted starting from said face (31), and an upper discontinuous metal film (167) being located above the only or the last metal functional film (140, 180, 220) as counted starting from said face (31).

IPC 8 full level

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Citation (search report)

See references of WO 2015177481A1

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**WO 2015177481 A1 20151126**; CA 2949809 A1 20151126; CN 106573832 A 20170419; EA 034706 B1 20200310; EA 201692363 A1 20170331; EP 3145887 A1 20170329; FR 3021312 A1 20151127; JP 2017520507 A 20170727; JP 6585165 B2 20191002; KR 20170010393 A 20170131; MX 2016015317 A 20170629; MY 178644 A 20201019; US 10221093 B2 20190305; US 2017144928 A1 20170525

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