

Title (en)
SAPPHIRE THIN FILM COATED SUBSTRATE

Title (de)
MIT SAPHIRDÜNNSSCHICHT ÜBERZOGENES SUBSTRAT

Title (fr)
SUBSTRAT REVÊTU D'UN FILM MINCE DE SAPHIR

Publication
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Application
EP 17798755 A 20170518

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- US 201662405215 P 20161006
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Abstract (en)
[origin: WO2017198192A1] A method to transfer a layer of harder thin film substrate onto a softer, flexible substrate. In particular, the present invention provides a method to deposit a layer of sapphire thin film on to a softer and flexible substrate e.g. quartz, fused silica, silicon, glass, toughened glass, PET, polymers, plastics, paper and fabrics. This combination provides the hardness of sapphire thin film to softer flexible substrates.

IPC 8 full level
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Citation (search report)

- [X] WO 2016037590 A1 20160317 - UNIV HONG KONG BAPTIST [CN]
- [A] WO 2015176850 A1 20151126 - QUERTECH [FR]
- See references of WO 2017198192A1

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DOCDB simple family (publication)
WO 2017198192 A1 20171123; CN 109312447 A 20190205; CN 109312447 B 20201229; EP 3458625 A1 20190327; EP 3458625 A4 20200729; TW 201809325 A 20180316; TW 201835177 A 20181001; TW I632243 B 20180811; TW I653266 B 20190311

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