

Title (en)
METHOD FOR DEPOSITION OF AN ANTI-SCRATCH COATING

Title (de)
VERFAHREN ZUM AUFTRAGEN EINER KRATZSCHUTZBESCHICHTUNG

Title (fr)
PROCEDE DE DEPOT D'UNE COUCHE ANTI-RAYURE

Publication
EP 1913170 A2 20080423 (FR)

Application
EP 06794501 A 20060726

Priority

- FR 2006050750 W 20060726
- FR 0552404 A 20050801

Abstract (en)
[origin: FR2889202A1] The deposition under vacuum of a boron-based thin film on a substrate comprises : (A) selecting a pulverization species chemically active or inactive with regard to boron; (B) generating, from an ionic source, a collimated beam of ions of the species; (C) directing this beam towards a boron-based target; and (D) positioning the substrate opposite the target such that the pulverized material from ionic bombardment of the target is deposited on at least a part of the substrate surface. An independent claim is also included for a substrate, e.g. of glass, coated with a stack of thin films with an alternance of functional layers with reflective properties in the infrared and/or solar radiation and coatings of a dielectric material.

IPC 8 full level
C23C 14/46 (2006.01)

CPC (source: EP KR US)
C03C 17/225 (2013.01 - EP US); **C03C 17/36** (2013.01 - EP US); **C03C 17/3626** (2013.01 - EP US); **C03C 17/366** (2013.01 - EP US); **C03C 17/3681** (2013.01 - EP US); **C23C 14/0647** (2013.01 - EP US); **C23C 14/067** (2013.01 - EP US); **C23C 14/46** (2013.01 - EP KR US); **C03C 2217/281** (2013.01 - EP US); **C03C 2217/283** (2013.01 - EP US); **C03C 2217/78** (2013.01 - EP US); **C03C 2218/154** (2013.01 - EP US); **C03C 2218/156** (2013.01 - EP US)

Citation (search report)
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