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(54) Title: SOLAR CONTROL GLAZING

(57) Abstract: The invention relates to heat treatable solar control glazing showing low- emissivity properties, and possibly also anti-solar properties and methods to manufacture such glazing. They comprise a transparent substrate coated with a stack of thin layers comprising n functional layer(s) reflecting infrared radiation and n+1 dielectric layers, with $n \geq 1$, each functional layer being surrounded by dielectric layers. At least one dielectric layer above a functional layer comprises a layer consisting essentially of silicon oxide, preferably deposited by PECVD, and the stack comprises a barrier layer based on zinc oxide above and in direct contact with any functional layer which has a silicon oxide layer in the dielectric layer directly above it.

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