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Si3N4
Nb / NbN
Si3N4
NiCr / NiCrN
Si3N4
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FIG. 3

(57) Abstract: A material comprising a transparent substrate deposited with a stack of thin layers on at least one of its surface to act on the solar and/or infrared radiation likely to strike said surface is disclosed. The stack of thin layers successively comprises, starting from the substrate not more than two functional layers F1, F2 based on NiCr/ NiCrN or Nb/ NbN and three dielectric coatings M1, M2, M3 comprising at least one dielectric layer such that each of the metallic functional layer is sandwiched between two dielectric coatings. The proposed material has significant influence on the optical properties of the resultant solar control glass article such that variation in the position of the functional layer material F1, F2 brings about a variation in the optical properties to cater to the varied application areas.

