

Title (en)
CORROSION-RESISTANT MIRROR

Title (de)
KORROSIONSBESTÄNDIGER SPIEGEL

Title (fr)
MIROIR RESISTANT A LA CORROSION

Publication
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Application
EP 09748419 A 20090922

Priority

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Abstract (en)

[origin: WO2010031981A1] The invention relates to a mirror, including a glass sheet and a silver film applied onto the glass and having, on the back thereof, a protective coating including a dried and cured alkyd paint layer and a dried and cured polyurethane paint layer, the alkyd layer being located between the silver film and the polyurethane layer. The invention also relates to the use thereof for deflecting sunlight to a heat collector. The invention also relates to the method for manufacturing a mirror that includes: depositing a silver film onto a glass sheet by means of a silvering solution; applying an alkyd paint layer having a viscosity of 25 to 110 seconds, measured with a no. 4 Ford cup, onto the silver film; drying and curing the alkyd paint layer; applying a polyurethane paint layer having a viscosity of 25 to 110 seconds, measured with a no. 4 Ford cup, onto the alkyd layer; and drying and curing the polyurethane paint layer.

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