

<b>Patent title:</b>	<b>Hydrophilic polymer surface, process for production of the same, uses of the process and items comprising said surface (Superficie di polimero idrofila, procedimento per la sua produzione, usi del procedimento e articoli comprendenti tale superficie)</b>
<b>FBK center:</b>	CMM
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<b>Application(s):</b>	Production of hydrophilic polymer surfaces
<b>Keyword(s):</b>	Hydrophilic polymer, Anti-fogging and anti-light characteristics
<b>Abstract:</b>	The present invention concerns a hydrophilic polymer surface preferably having a contact angle smaller than 20°. The surface comprises gold. The invention also concerns a process for the production of such a surface, comprising the following steps: a) preparation of a polymer surface; b) preferably cleaning of the polymer surface; and c) treatment of the preferably cleaned surface with a plasma treatment in combination with a cathode spray with a gold target. The description concerns also the use of the process to give anti-fogging and anti-light scattering characteristics to optical elements and items comprising said hydrophilic polymer surface.