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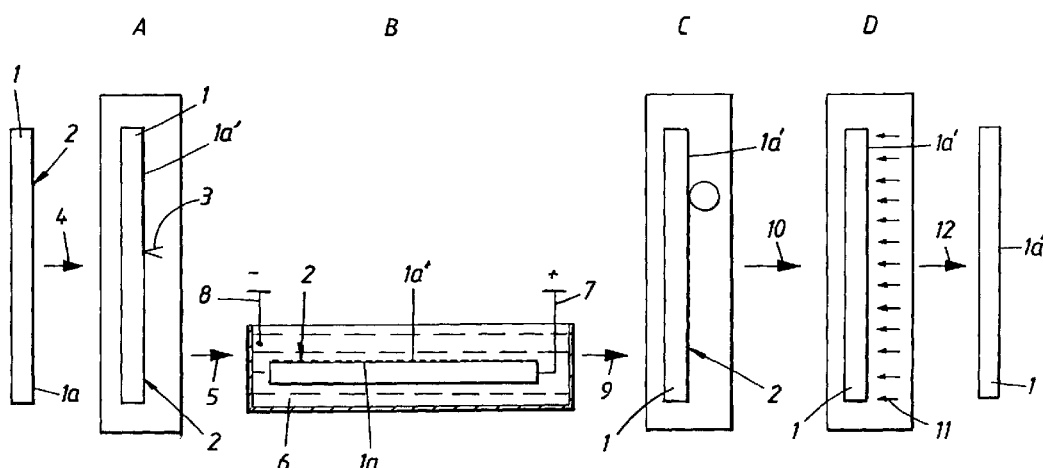
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(54) Title: METHOD FOR ACHIEVING A MIRROR SURFACE AND MIRROR WITH SUCH A MIRROR SURFACE



(57) Abstract: In a method for achieving a required mirror surface on an aluminium workpiece (1), four different production steps (A, B, C, D) are used. In a first production step, an initial surface (1a) is produced by the aluminium workpiece undergoing one or more turning processes. During the turning process, the surface is produced with an exceptional turning precision. In a second production step, the initial surface is hard-anodised in an electrolyte bath (6) to create an intermediate surface. The hard-anodising is carried out in such a way that an oxide layer of Al_2O_3 is formed on the turned initial surface. In a third production step, the hard-anodised intermediate surface is polished to prescribed polishing precision, and in a fourth production step, the polished surface is surface-coated with a material or substance in order to produce the required mirror surface. The invention also relates to a mirror or mirror surface and makes possible the production of low-weight mirrors/mirror surfaces with very good reflective properties.



WO 03/001250 A1