

Title (en)

ELECTROCHROMIC MATERIALS AND DEVICES, AND METHOD

Title (de)

ELEKTROCHROMES MATERIAL, VORRICHTUNG UND VERFAHREN

Title (fr)

SUBSTANCES ET DISPOSITIFS ELECTROCHROMIQUES, ET PROCEDES CORRESPONDANTS

Publication

EP 0776383 A1 19970604 (EN)

Application

EP 95930870 A 19950817

Priority

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Abstract (en)

[origin: WO9606203A1] A process for manufacturing electrochromic layers/devices at high rates and low deposition temperatures is described. The method utilizes the magnetron enhanced sputtering technique in which a substrate (36) is rotated past sputter cathodes (38, 40, 42, 44, 46) and past a reactive ion source (48) in order to deposit a layered electrochromic device. The process uses high system pressure and large reaction gas flow rates, but relatively low reactive gas partial pressures at the sputter cathodes (38, 40, 42, 44, 46) to reproducibly form electrochromic materials and devices which exhibit excellent optical and physical properties.

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IPC 8 full level

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