

Title (en)  
ROBUST HIGHLY REFLECTIVE OPTICAL CONSTRUCTION

Title (de)  
ROBUSTE, STARK REFLEKTIERENDE OPTISCHE KONSTRUKTION

Title (fr)  
CONSTRUCTION OPTIQUE A HAUTE REFLEXION ROBUSTE

Publication  
**EP 1399312 A4 20040804 (EN)**

Application  
**EP 02706051 A 20020129**

Priority  
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Abstract (en)  
[origin: WO02060686A1] An optical construction (20) comprises an optically transmissive substrate (12), an optional adhesion-promoting layer (18) comprising an oxide form of at least one metal or metalloid deposited onto the surface of the optically transmissive substrate (12), a reflective layer (14) composed of a highly reflective metal overlaying the adhesion-promoting layer (18), and a protective layer (16) composed of a parylene polymer film bonded to the reflective metal layer (14).

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IPC 8 full level  
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**G02B 6/02** (2013.01); **G02B 6/02033** (2013.01); **G02B 6/1221** (2013.01); **G02B 6/132** (2013.01); **G02B 6/02395** (2013.01); **G02B 2006/12169** (2013.01)

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• [DYA] EP 0745872 A2 19961204 - MITSUI TOATSU CHEMICALS [JP]  
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• See references of WO 02060686A1

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**US 0202559 W 20020129**; AU 2002240158 A 20020129; CA 2436584 A 20020129; EP 02706051 A 20020129; IL 15709402 A 20020129; JP 2002560856 A 20020129; NZ 52727502 A 20020129