

Title (en)
POLARIZATION RECOVERY SYSTEM USING REDIRECTION

Title (de)
POLARISATIONSRÜCKGEWINNUNG DURCH UMLENKUNG

Title (fr)
SYSTEME DE RECYCLAGE DE POLARISATION PAR REDIRECTION

Publication
EP 1597514 A4 20090826 (EN)

Application
EP 04713304 A 20040220

Priority

- US 2004004866 W 20040220
- US 44847103 P 20030221
- US 46939303 P 20030512

Abstract (en)
[origin: WO2004077102A2] A polarization recovery system includes a polarizing beam splitter transmitting light of a useful polarization in an output direction and reflecting light of a non-useful polarization in a first orthogonal direction substantially orthogonal to the output direction. An initial reflector may reflect the non-useful polarization light in a second orthogonal direction substantially orthogonal to the output direction and the first orthogonal direction, and a final reflector may reflect the non-useful polarization light in the output direction. The non-useful polarization light may be rotated substantially to light of the useful polarization by the initial and final reflectors.

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F21V 9/14; **F21V 7/09**; **G02B 27/28**

IPC 8 full level
G02B 27/00 (2006.01); **G02B 27/09** (2006.01); **G02B 27/28** (2006.01); **H04N 5/74** (2006.01)

CPC (source: EP KR)
G02B 27/0927 (2013.01 - EP); **G02B 27/0994** (2013.01 - EP); **G02B 27/283** (2013.01 - EP); **H04N 5/74** (2013.01 - KR); **H04N 5/7441** (2013.01 - EP); **H04N 9/315** (2013.01 - EP); **G02B 5/04** (2013.01 - EP)

Citation (search report)

- [XY] JP S63197913 A 19880816 - NEC CORP
- [Y] US 5884991 A 19990323 - LEVIS MAURICE E [US], et al
- [Y] US 6288840 B1 20010911 - PERKINS RAYMOND T [US], et al
- [A] WO 0217000 A2 20020228 - COGENT LIGHT TECH [US], et al
- See references of WO 2004077102A2

Designated contracting state (EPC)
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DOCDB simple family (publication)
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