

Title (en)
SEGMENTED THIN FILM ADD/DROP SWITCH AND MULTIPLEXER

Title (de)
SEGMENTIERTER DÜNNFILM EINFÜGE/ABZWEIG-SCHALTER UND -MULTIPLEXER

Title (fr)
COMMUTATEUR ET MULTIPLEXEUR A INSERTION-EXTRACTION A MINCE FILM SEGMENTE

Publication
EP 1210628 A4 20030305 (EN)

Application
EP 00947377 A 20000714

Priority

- US 0019252 W 20000714
- US 14886299 P 19990813
- US 46631999 A 19991217

Abstract (en)
[origin: WO0113151A1] An optical switch and WADM uses a channel selector (10) to provide channel selection and reconfigurable operation. The channel selector (10) includes a segmented filter portion (100) and a highly reflecting mirror (110). The channel selectors (10) can be cascaded to form an N-wavelength channel WDM system. The WADM allows for the selection of a wavelength channel from a multitude of channels by moving the appropriate channel selector (10) into the path of the light beam.

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G02B 6/293; G02B 5/20; G02B 6/35; G02B 7/00

IPC 8 full level
G02B 26/00 (2006.01); **G02B 6/293** (2006.01); **G02B 6/34** (2006.01); **G02B 6/35** (2006.01); **H04J 14/02** (2006.01); **H04Q 11/00** (2006.01)

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G02B 6/29365 (2013.01); **G02B 6/29383** (2013.01); **G02B 6/3582** (2013.01); **H04J 14/0201** (2013.01); **H04Q 11/0005** (2013.01); **G02B 6/3514** (2013.01); **G02B 6/3548** (2013.01); **G02B 6/356** (2013.01); **G02B 6/3572** (2013.01); **G02B 6/358** (2013.01); **H04J 14/0209** (2013.01); **H04Q 2011/0009** (2013.01); **H04Q 2011/0026** (2013.01); **H04Q 2011/0064** (2013.01); **H04Q 2011/0086** (2013.01)

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- See also references of WO 0113151A1

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US 0019252 W 20000714; AU 6100000 A 20000714; CA 2382079 A 20000714; EP 00947377 A 20000714; JP 2001517197 A 20000714