

Title (en)  
OPTICAL SWITCH WITH A MICRO-MIRROR AND METHOD FOR PRODUCTION THEREOF

Title (de)  
OPTISCHER MIKROSPIEGELSCHALTER UND DESSEN HERSTELLUNGSVERFAHREN

Title (fr)  
COMMUTATEUR OPTIQUE A MICRO-MIROIR ET SON PROCEDE DE REALISATION

Publication  
**EP 1466201 A2 20041013 (FR)**

Application  
**EP 03717342 A 20030116**

Priority  
• FR 0300130 W 20030116  
• FR 0200598 A 20020118

Abstract (en)  
[origin: WO03062889A2] The invention relates to an optical switch using a micro-mirror and the method for production thereof. Said optical switch comprises at least one optical input path (31), at least one first and one second optical output path (35, 37) and a micro-mirror (41) which can be displaced between an output from the optical input path and the inputs to the first and second optical output paths. According to the invention, the micro-mirror comprises a reflective section (13) and an operating section (15) for setting the reflecting section in rotation. The invention finds application in all fields using optical switches and particularly in the field of optical path telecommunications.

IPC 1-7  
**G02B 6/35**

IPC 8 full level  
**G02B 6/35** (2006.01)

CPC (source: EP US)  
**G02B 6/3514** (2013.01 - EP US); **G02B 6/3584** (2013.01 - EP US); **G02B 6/3518** (2013.01 - EP US); **G02B 6/3546** (2013.01 - EP US); **G02B 6/355** (2013.01 - EP US); **G02B 6/357** (2013.01 - EP US); **G02B 6/3596** (2013.01 - EP US)

Citation (search report)  
See references of WO 03062889A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)  
**WO 03062889 A2 20030731**; **WO 03062889 A3 20040311**; CA 2473080 A1 20030731; EP 1466201 A2 20041013; FR 2835062 A1 20030725; FR 2835062 B1 20040625; US 2005163417 A1 20050728

DOCDB simple family (application)  
**FR 0300130 W 20030116**; CA 2473080 A 20030116; EP 03717342 A 20030116; FR 0200598 A 20020118; US 50152805 A 20050303