

Title (en)

SWITCHING ARRANGEMENT FOR SWITCHING AND COUPLING A LIGHT BEAM INTO AT LEAST ONE OUTPUT FIBRE

Title (de)

SCHALTANORDNUNG ZUM SCHALTEN UND EINKOPPELN EINES LICHTBÜNDELS IN MINDESTENS EINE AUSGANGSFASER

Title (fr)

AGENCEMENT DE COMMUTATION POUR COMMUTER ET COUPLER UN FAISCEAU DE LUMIERE DANS AU MOINS UNE FIBRE DE SORTIE

Publication

EP 0958520 A1 19991124 (DE)

Application

EP 98913546 A 19980206

Priority

- DE 19706053 A 19970207
- EP 9800633 W 19980206

Abstract (en)

[origin: DE19706053A1] A switching arrangement is disclosed for switching and coupling a light beam irradiated by at least one optical element, such as an input fibre (2), into at least one output fibre among a number of output fibres (6). A beam deflecting and collimating optic (1) connected to an adjusting device with an adjusting element (10) is associated with the irradiated light beam or input fibre (2). Depending on an adjustment signal, the adjusting element (10) laterally shifts the input fibre (2) and the beam deflecting and collimating optic (1) in relation to one another, so that the collimated beam may be coupled via a deflecting optic (4) and a focusing optic (5) into at least one output fibre among a number of output fibres (6) arranged at a distance from the beam deflecting and collimating optic.(1).

IPC 1-7

G02B 26/02

IPC 8 full level

G02B 6/35 (2006.01)

CPC (source: EP)

G02B 6/3524 (2013.01); **G02B 6/3526** (2013.01); **G02B 6/3558** (2013.01)

Citation (search report)

See references of WO 9835257A1

Designated contracting state (EPC)

BE CH DE DK FI FR GB LI NL

DOCDB simple family (publication)

DE 19706053 A1 19980813; **DE 19706053 B4 20041104**; EP 0958520 A1 19991124; WO 9835257 A1 19980813

DOCDB simple family (application)

DE 19706053 A 19970207; EP 9800633 W 19980206; EP 98913546 A 19980206