

Title (en)
INDIRECT LIGHTING ARRANGEMENT, AND METHOD FOR PRODUCING AN INDIRECT LIGHTING ARRANGEMENT

Title (de)
INDIREKTE BELEUCHTUNGSANORDNUNG UND VERFAHREN ZUM HERSTELLEN EINER INDIREKTEN BELEUCHTUNGSANORDNUNG

Title (fr)
DISPOSITIF D'ÉCLAIRAGE INDIRECT ET PROCÉDÉ DE FABRICATION D'UN DISPOSITIF D'ÉCLAIRAGE INDIRECT

Publication
EP 3314164 A1 20180502 (DE)

Application
EP 16731175 A 20160623

Priority
• EP 15174074 A 20150626
• EP 2016064564 W 20160623

Abstract (en)
[origin: WO2016207294A1] The invention relates to an indirect lighting arrangement (2, 2.1, 2.2, 2.3, 2.4, 2.5) comprising at least one cylindrical waveguide (4). At least one end (12.1, 12.2) of the cylindrical waveguide (4) is designed to couple light from a first light source (1) into the cylindrical waveguide (4), and the lateral surface (10) of the cylindrical wave guide (4) has a coupling section (6) which is designed to optically couple the cylindrical waveguide (4) to an arrangeable plate-shaped waveguide (16). At least the coupling section (6) has at least one holographic optical element (8) which is designed to emit light from the cylindrical waveguide (4) into the arrangeable plate-shaped waveguide (16).

IPC 8 full level
F21V 8/00 (2006.01)

CPC (source: CN EP KR US)
G02B 5/32 (2013.01 - US); **G02B 6/0001** (2013.01 - US); **G02B 6/0006** (2013.01 - CN KR); **G02B 6/001** (2013.01 - CN KR); **G02B 6/0028** (2013.01 - CN EP KR US); **G02B 27/0955** (2013.01 - US); **G02B 6/0006** (2013.01 - EP US); **G02B 6/001** (2013.01 - EP US)

Citation (search report)
See references of WO 2016207294A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016207294 A1 20161229; CN 107810364 A 20180316; EP 3314164 A1 20180502; JP 2018527694 A 20180920; KR 20180020163 A 20180227; US 10444420 B2 20191015; US 2018188437 A1 20180705

DOCDB simple family (application)
EP 2016064564 W 20160623; CN 201680037538 A 20160623; EP 16731175 A 20160623; JP 2017565834 A 20160623; KR 20177036679 A 20160623; US 201615738694 A 20160623