

Title (en)  
INTELLIGENT PANEL SYSTEM

Title (de)  
INTELLIGENTES TAFELSYSTEM

Title (fr)  
SYSTÈME DE PANNEAU INTELLIGENT

Publication  
**EP 4118476 A4 20240417 (EN)**

Application  
**EP 21767267 A 20210309**

Priority  
• US 202062987089 P 20200309  
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Abstract (en)  
[origin: WO2021183544A1] An optical system (1400) includes a connector, an optical filter (1424A-1424D), an optical receiving device (1419A-1419D), an optical transmission device (1419A-1419D), and a central processing and transmission unit (1415A, 1415B). The connector is configured for routing optical signals. The optical filter is configured for routing optical signals to and from the connector. The optical receiving device is configured for receiving optical signals routed from the optical filter via the connector. The optical transmission device is configured for generating the optical signals routed from the optical filter via the connector. The central processing and transmission unit is in electrical communication with the optical receiving device. The central processing and transmission unit is configured for transmitting radio or electrical signals carrying data relating either to the optical signals received by the optical receiving device and routed from the optical filter or to determined optical and optical path characteristics based on the optical signals routed from the optical filter.

IPC 8 full level  
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**G02B 6/3895** (2013.01); **G02B 6/4286** (2013.01); **G02B 6/4448** (2013.01); **H04B 10/071** (2013.01); **H04B 10/0773** (2013.01)

Citation (search report)  
• [XII] US 2018157000 A1 20180607 - BAKATSIAS KOSTANTINOS [GR], et al  
• [XII] US 10211920 B1 20190219 - KHALEGHI SALMAN [US], et al  
• [A] US 8203450 B2 20120619 - GERMAN MICHAEL [US], et al  
• [A] US 2015131999 A1 20150514 - URBAN PATRYK [SE], et al  
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• [A] US 2020052789 A1 20200213 - KIM JEONG-SOO [KR]  
• See also references of WO 2021183544A1

Designated contracting state (EPC)  
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