

Title (en)  
OPTOELECTRONIC CHIP

Title (de)  
OPTOELEKTRISCHER CHIP

Title (fr)  
PUCE OPTOÉLECTRIQUE

Publication  
**EP 3676581 A1 20200708 (DE)**

Application  
**EP 18753173 A 20180810**

Priority  
• DE 102017119810 A 20170829  
• EP 2018071790 W 20180810

Abstract (en)  
[origin: WO2019042748A1] The invention relates to an optoelectronic chip (1) comprising the following elements: a light inlet (11); a wavelength-sensitive optical filter (20); a first photoelectric element (30) for measuring a first light intensity, particularly a first photodiode, the first photoelectric element (30) being arranged such that light (50) penetrating the optoelectronic chip (1) via the light inlet (11), transmitted by the filter, hits the first photoelectric element (30); and a second photoelectric element (40) for measuring a second light intensity, particularly a second photodiode, the second photoelectric element (40) being arranged such that the light (50) penetrating the optoelectronic chip via the light inlet, which is reflected by the filter (20), hits the second photoelectric element (40).

IPC 8 full level  
**G01J 3/02** (2006.01); **G01J 3/12** (2006.01); **G01J 9/00** (2006.01)

CPC (source: EP US)  
**G01J 3/0256** (2013.01 - EP); **G01J 3/12** (2013.01 - EP); **G01J 3/26** (2013.01 - US); **G01J 9/00** (2013.01 - EP); **G01J 9/0246** (2013.01 - US); **G01J 2003/1213** (2013.01 - EP US)

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)  
**DE 102017119810 A1 20190228**; **DE 102017119810 B4 20190509**; CN 111051829 A 20200421; CN 111051829 B 20221227; EP 3676581 A1 20200708; US 11237060 B2 20220201; US 2020300709 A1 20200924; WO 2019042748 A1 20190307

DOCDB simple family (application)  
**DE 102017119810 A 20170829**; CN 201880055141 A 20180810; EP 18753173 A 20180810; EP 2018071790 W 20180810; US 201816643525 A 20180810