

Title (en)
PROGRAMMABLE LIGHT CURTAINS

Title (de)
PROGRAMMIERBARE LICHTVORHÄNGE

Title (fr)
RIDEAUX DE LUMIÈRE PROGRAMMABLES

Publication
EP 3769037 A1 20210127 (EN)

Application
EP 19772623 A 20190311

Priority
• US 201862761479 P 20180323
• US 2019021569 W 20190311

Abstract (en)
[origin: WO2019182784A1] Embodiments described herein are generally directed to a device that monitors for the presence of objects passing through or impinging on a virtual shell near the device, referred to herein as a light curtain, which is created by rapidly rotating a line sensor and a line laser in synchrony. The boundaries of the light curtain are defined by a sweeping line defined by the intersection of the sensing and illumination planes.

IPC 8 full level
G01B 11/25 (2006.01)

CPC (source: EP)
G01S 7/4817 (2013.01); **G01S 17/04** (2020.01); **G01S 17/32** (2013.01); **G01S 17/931** (2020.01)

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 2019182784 A1 20190926; CA 3094199 A1 20190926; EP 3769037 A1 20210127; EP 3769037 A4 20211124; JP 2021518536 A 20210802; JP 7570099 B2 20241021

DOCDB simple family (application)
US 2019021569 W 20190311; CA 3094199 A 20190311; EP 19772623 A 20190311; JP 2020550649 A 20190311