

Title (en)
THERMOPLASTIC COMPOSITINO FOR LIDAR SENSOR SYSTEM WITH IMPROVED ABSORPTION PROPERTIES

Title (de)
THERMOPLASTISCHE ZUSAMMENSETZUNG FÜR LIDAR-SENSORSYSTEM MIT VERBESSERTEN ABSORPTIONSEIGENSCHAFTEN

Title (fr)
COMPOSITION THERMOPLASTIQUE DESTINÉE À UN SYSTÈME DE CAPTEUR LIDAR PRÉSENTANT DES PROPRIÉTÉS D'ABSORPTION AMÉLIORÉES

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Application
EP 20803559 A 20201109

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Abstract (en)
[origin: WO2021094248A1] The invention relates to a sensor system comprising a LiDAR unit having a transmitter for laser light having a wavelength of between 900 nm to 1600 nm and a receiver for light over a wavelength range of between 800 nm to 1600 nm and at least partially below the working wavelength of the LiDAR sensor, and a cover having a substrate layer made from a thermoplastic material which is arranged so that IR light emitted from and received by the LiDAR unit passes through the cover.

IPC 8 full level
G01S 7/481 (2006.01); **C08K 5/00** (2006.01); **C08L 33/12** (2006.01); **G02B 5/20** (2006.01)

CPC (source: EP KR US)
C08K 5/0041 (2013.01 - EP KR US); **C08K 5/18** (2013.01 - KR US); **C08K 5/3432** (2013.01 - KR US); **C08K 5/3465** (2013.01 - KR US); **C08L 33/12** (2013.01 - KR US); **C08L 69/00** (2013.01 - KR US); **G01S 7/4811** (2013.01 - US); **G01S 7/4813** (2013.01 - EP KR); **G01S 7/4814** (2013.01 - US); **G01S 17/931** (2020.01 - KR US); **G02B 5/003** (2013.01 - US); **G02B 5/208** (2013.01 - KR); **G01S 17/931** (2020.01 - EP); **G02B 5/208** (2013.01 - EP)

Citation (search report)
See references of WO 2021094248A1

Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family (publication)
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