Title (en)
CODED LASER LIGHT PULSE SEQUENCES FOR LIDAR

Title (de)
CODIERTE LASERLICHT-PULSSEQUENZEN FÜR LIDAR

Title (fr)
SÉQUENCES CODÉES D'IMPULSIONS DE LUMIÈRE LASER POUR SYSTÈME LIDAR

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Application
EP 17768797 A 20170919

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Abstract (en)
[origin: WO2018050906A2] The invention relates to a LIDAR system (101) comprising at least one laser light source and a detector, designed to emit a first coded pulse train (201, 202) and a second coded pulse train (201, 202). An image point of a LIDAR image is determined based on the first pulse train (201, 202) and the second pulse train (201, 202). CDMA techniques can be used in order to recognise the pulse trains in the measurement signals of the detector.

IPC 8 full level
G01S 17/10 (2020.01); **G01S 7/481** (2006.01); **G01S 7/484** (2006.01); **G01S 17/42** (2006.01); **G01S 17/89** (2020.01); **G01S 17/931** (2020.01); G01S 17/26 (2020.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 2018050906A2

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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