

Title (en)  
MONITORING AN FMCW RADAR SENSOR

Title (de)  
ÜBERWACHEN EINES FMCW-RADARSENSORS

Title (fr)  
SURVEILLANCE D'UN CAPTEUR RADAR FMCW

Publication  
**EP 3788394 A1 20210310 (DE)**

Application  
**EP 19702873 A 20190131**

Priority  
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Abstract (en)  
[origin: WO2019211010A1] The invention relates to a method for monitoring a FMCW radar sensor and to a FMCW radar sensor which has a plurality of local oscillators (32), in which method a first local oscillator signal of a first local oscillator (32) of the local oscillators is mixed with a second local oscillator signal of a second local oscillator (32) of the local oscillators in a mixer (38) to a baseband signal and the baseband signal is evaluated, a fault being detected by means of a result of the evaluation. In particular, it relates to a method for monitoring a FMCW radar sensor as well as a FMCW radar sensor, which has a plurality of high-frequency components (10, 12, 14, 16), which in each case have a transmitting and receiving part (20) for output of a transmission signal to at least one antenna (26) associated with the high-frequency component and for receiving a reception signal from at least one antenna (28) associated with the high-frequency component.

IPC 8 full level  
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CPC (source: EP KR US)  
**G01R 29/26** (2013.01 - KR); **G01R 31/2824** (2013.01 - EP KR); **G01S 7/0232** (2021.05 - EP); **G01S 7/032** (2013.01 - EP KR); **G01S 7/35** (2013.01 - EP KR); **G01S 7/40** (2013.01 - US); **G01S 7/4008** (2013.01 - EP KR US); **G01S 7/4017** (2013.01 - EP KR US); **G01S 7/4069** (2021.05 - KR); **G01S 13/343** (2013.01 - EP KR); **G01S 13/87** (2013.01 - EP KR); **G01S 13/931** (2013.01 - EP KR); **G01R 29/26** (2013.01 - EP); **G01S 7/4069** (2021.05 - EP)

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