

Title (en)

RADAR SENSOR FOR USE WITH AUTOMOBILES

Title (de)

RADARSENSOR FÜR AUTOMOBILANWENDUNGEN

Title (fr)

DETECTEUR RADAR POUR APPLICATIONS AUTOMOBILES

Publication

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Application

EP 04725009 A 20040401

Priority

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Abstract (en)

[origin: WO2004102221A1] The invention relates to a radar sensor (10) for use with automobiles. Said radar sensor emits pulsed radiation. The radar sensor is characterized in that it comprises an antenna with at least one layer-structured block (34) consisting of metal layers (36, 38, 40, 42) which are arranged according to the Yagi principle and which are respectively separated from each other by a dielectric intermediary layer (46, 48, 50). At least one of the metal layers (36, 38, 40, 42) is excited by a supply system (18) with a radar frequency.

IPC 1-7

G01S 7/03; H01Q 19/30; H01Q 1/32

IPC 8 full level

G01S 7/03 (2006.01); **H01Q 1/32** (2006.01); **H01Q 19/30** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2004102221A1

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