

Title (en)
FLUID COOLED RADAR SYSTEM

Title (de)
FLÜSSIGKEITSGEKÜHLTES RADARSYSTEM

Title (fr)
SYSTÈME RADAR REFROIDI PAR FLUIDE

Publication
EP 4391219 A1 20240626 (EN)

Application
EP 23219172 A 20231221

Priority
IT 202200026820 A 20221223

Abstract (en)
A radar system comprising a stack of functional printed circuit boards arranged in layers, housed in a common enclosure, in which the stack of functional printed circuit boards layers comprises at least two sub-stacks and at least two cooling plates, wherein each of the cooling plates is in thermal contact with one of the sub-stacks, and wherein at least two cooling plates are thermally connected with each other by cooling fluid transferring means and are connected to a heat sink external to the common enclosure.

IPC 8 full level
H01Q 1/02 (2006.01); **H01Q 21/00** (2006.01); **H01Q 21/06** (2006.01)

CPC (source: EP)
H01Q 1/02 (2013.01); **H01Q 21/0006** (2013.01); **H01Q 21/065** (2013.01)

Citation (applicant)
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Designated contracting state (EPC)
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BA

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