

Title (en)

METHOD FOR MANUFACTURING A THERMOPLASTIC RADOME FOR A RADAR OF A VEHICLE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES THERMOPLASTISCHEN RADOMS FÜR EIN RADAR EINES FAHRZEUGS

Title (fr)

PROCÉDÉ DE FABRICATION D'UN RADOME EN THERMOPLASTIQUE POUR UN RADAR D'UN VÉHICULE

Publication

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Application

EP 18759337 A 20180831

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Abstract (en)

[origin: WO2019043202A1] A method for manufacturing a radome for a radar of a vehicle made from two thermoplastic materials and provided with a film (3), using a mould comprising a first part (10) and a second part (20), the two parts (10, 20) delimiting a first moulding chamber (100), the method comprising the following steps: - depositing the film (3) on a wall (21) of the second part (20); - closing the mould for a first time; - injecting a first thermoplastic material into the first moulding chamber (100) in order to obtain a first overmoulded layer (1) on the film (3), - opening the mould, - closing the mould for a second time in such a way as to form a second moulding chamber (200) by using a third part (30) delimiting, with the first part (10), the second moulding chamber (200) - injecting a second thermoplastic material into the second moulding chamber (200) in order to obtain a second overmoulded layer (2) on the film (3), the film (3) being positioned between the first and second overmoulded layers 1, 2.

IPC 8 full level

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