

Title (en)

ELECTRICAL MODULE WITH OVERMOULDING AND SYSTEMS COMPRISING SUCH AN ELECTRICAL MODULE

Title (de)

ELEKTRISCHES MODUL MIT UMSPRITZUNG UND SYSTEME MIT SOLCH EINEM ELEKTRISCHEN MODUL

Title (fr)

MODULE ÉLECTRIQUE AVEC SURMOULAGE ET SYSTÈMES COMPRENANT UN TEL MODULE ÉLECTRIQUE

Publication

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Application

EP 21723304 A 20210510

Priority

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Abstract (en)

[origin: WO2021228767A1] The invention relates to an electrical module (110) comprising first (3041) and second (3042) electrical connection parts each having a main plate (3061, 3062), the main plates (3061, 3062) extending along the same main plane (PP); a first electrical component (1121) mounted on an upper face of the main plate (3061) of the first electrical connection part (3041); a first electrical link element (3261) electrically connecting said at least one electrical component (1121) to the upper face of the main plate (3062) of the second electrical connection part (3042); and an electrically insulating overmoulding (402), for example made of resin, covering at least part of the upper face of the main plate (3061, 3062) of the first (3041) and second (3042) electrical connection parts; said electrical module being characterised in that the upper face of the electrically insulating overmoulding (402) has a first cavity (C1) located at least partially above the first electrical link element (3261).

IPC 8 full level

H02M 7/00 (2006.01)

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Citation (search report)

See references of WO 2021228767A1

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