

Title (en)

ADJUSTABLE VOLTAGE DIVIDER PRODUCED BY HYBRID TECHNOLOGY

Title (de)

IN HYBRIDTECHNIK HERGESTELLTE ABGLEICHBARE SPANNUNGSTEILER-ANORDNUNG

Title (fr)

ENSEMBLE DIVISEUR DE TENSION AJUSTABLE, FABRIQUE SELON LA TECHNIQUE HYBRIDE

Publication

**EP 0858665 A1 19980819 (DE)**

Application

**EP 97923765 A 19970429**

Priority

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- DE 19631477 A 19960803

Abstract (en)

[origin: DE19631477A1] An adjustable voltage divider produced by hybrid technology has an ohmic resistance layer crossed by a current and arranged between two printed conductors, and a second resistance layer electrically connected to the first resistance layer and to which a third printed conductor which acts as an acceptance electrode is connected. To adjust the voltage divider, a notch is made into the second resistance layer in such a way that a desired value can be sensed at the acceptance electrode. In order to sense very low divider voltages with the required accuracy while only slightly increasing the area required by the voltage divider, the second resistance layer is connected by printed conductors to the first resistance layer so that a first divider voltage sensed at the first resistance layer is applied to the second resistance layer, and the acceptance electrode connected to the second resistance layer can sense a fraction of the first divider voltage.

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IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

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