

Title (en)  
THIN OR THICK LAYER TECHNIC VOLTAGE DIVIDER

Publication  
**EP 0093125 B1 19860226 (DE)**

Application  
**EP 82903234 A 19821028**

Priority  
DE 3144252 A 19811107

Abstract (en)  
[origin: WO8301708A1] Voltage divider using the thin or thick layer technic, adjustable with an ohmic resistance traversed by an electric current and at least one means to pick up the partial voltage. The ohmic resistance comprises a first resistance area (10) of voltage divider which contains a current input area and a current output area each provided with a conductor (11, 12). The pick up device is comprised by a second resistance area (13) provided between the two areas and connected to the first resistance area (10) as well as of a pick up electrode (14). In said second resistance area (13), there are arranged two slots (16, 17) which traverse equipotential lines which are formed during the operation of the divider and they are extended sufficiently so that on the electrode (14) of the pick up device the potential has the desired value.

IPC 1-7  
**H01C 7/00**

IPC 8 full level  
**H01C 7/00** (2006.01); **H01C 10/00** (2006.01); **H01C 17/22** (2006.01); **H01C 17/24** (2006.01); **H01C 17/242** (2006.01)

CPC (source: EP US)  
**H01C 17/24** (2013.01 - EP US)

Cited by  
US6111494A; DE19601135C1

Designated contracting state (EPC)  
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**WO 8301708 A1 19830511**; DE 3144252 A1 19830519; DE 3269452 D1 19860403; EP 0093125 A1 19831109; EP 0093125 B1 19860226; JP H04120201 U 19921027; JP S58501890 A 19831104; US 4531111 A 19850723

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**DE 8200209 W 19821028**; DE 3144252 A 19811107; DE 3269452 T 19821028; EP 82903234 A 19821028; JP 50326782 A 19821028; JP 591191 U 19910214; US 51396183 A 19830706