

Title (en)

ARRANGEMENT FOR DETECTING THE ACTUAL VALUE OF A MEASUREMENT AT HIGH POTENTIAL

Title (de)

EINRICHTUNG ZUR ISTWERT-ERFASSUNG EINER MESSGRÖSSE AUF HOHEM POTENTIAL

Title (fr)

DISPOSITIF PERMETTANT DE DETECTER LA VALEUR REELLE D'UNE GRANDEUR MESUREE A HAUT POTENTIEL

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Application

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Abstract (en)

[origin: WO9419700A1] The invention relates to an arrangement (60) for detecting the actual value of a measurement at high potential and its use in a high-powered current converter (2). According to the invention, this arrangement (60) consists of a measurement amplifier (80) with an upstream measuring range adapter (78) and an auxiliary power supply unit (84), which is connected on one side to the measurement amplifier (80) and on the other to the measuring range adapter (78). This provides an arrangement (60) for detecting the actual value of a measurement at high potential which no longer has to separate the potential itself so that the space needed for it is substantially reduced and, owing to its simplified construction, costs can be reduced and the reliability of the entire system improved.

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