

Title (en)

CIRCUIT TO MEASURE ELECTRICAL MEASUREMENT VARIABLES BY MEANS OF LIGHT SIGNALS OF DIFFERING WAVELENGTHS

Title (de)

ANORDNUNG ZUR MESSUNG EINER ELEKTRISCHEN MESSGRÖSSE MITTELS LICHTSIGNALS UNTERSCHIEDLICHER WELLENLÄNGE

Title (fr)

MONTAGE POUR MESURER UNE GRANDEUR A MESURER ELECTRIQUE AU MOYEN DE SIGNAUX LUMINEUX DE DIFFERENTES LONGUEURS D'ONDE

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Application

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Abstract (en)

[origin: WO9838517A1] At least two light sources (LQ1, LQ2) are provided to transmit light signals (LS1, LS2) of differing wavelengths. The light signals (LS1, LS2) are jointly fed into a measurement-variable sensitive optical converter (9) via an optical fiber coupler (3), said converter delivering at least one output measuring light signal (LT). Means (4, 21, 31) are provided to ensure wavelength-selective optoelectrical conversion of at least one output measuring light signal (L alpha) into at least two electrical signals (S1 alpha , S2 alpha).

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