

Title (en)

CIRCUIT ARRANGEMENT FOR LIMITING VOLTAGE

Title (de)

SCHALTUNGSANORDNUNG ZUR SPANNUNGSBEGRENZUNG

Title (fr)

ENSEMBLE CIRCUIT LIMITEUR DE TENSION

Publication

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Application

EP 08716452 A 20080312

Priority

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Abstract (en)

[origin: WO2008122339A1] The invention relates to a circuit arrangement for forcing an intrinsically safe situation in an area at risk, comprising a first switching device in the series arm and a second switching device in the shunt arm. If an error occurs, which would violate the conditions of intrinsic safety, the first switching device is initially blocked and the second switching device is connected with a certain time delay so that the output terminals are short-circuited with each other. A monitoring device for monitoring the load conditions which are applied at the switching device in the series arm is also provided.

IPC 8 full level

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CPC (source: EP US)

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