

Title (en)
CONVERSION CHAIN PROVIDED WITH DAMPING CIRCUITS

Title (de)
UMWANDLUNGSKETTE MIT DÄMPFUNGSSCHALTUNGEN

Title (fr)
CHAÎNE DE CONVERSION MUNIE DE CIRCUITS D'AMORTISSEMENT

Publication
EP 4122089 A1 20230125 (FR)

Application
EP 21708003 A 20210301

Priority

- FR 2002602 A 20200317
- EP 2021054987 W 20210301

Abstract (en)
[origin: WO2021185559A1] Conversion chain comprising a plurality of conversion modules (12) each comprising a main switch (16) which is connected in a main electrical line and which can take up at least one open position, in which it blocks the circulation of an electric current in the main electrical line, and a closed position, in which it allows the circulation of an electric current in the main electrical line; and a damping circuit (18) comprising a transformer (20) which has a main winding (12a,12a') and a secondary winding (12b,12b'), which is connected in series to a semi-conductive commutation element (26) which is configured to take up a blocked state, in which it prevents the circulation of a current in the damping circuit, and at least one passage state, in which it allows the circulation of an electric current in the damping circuit between the upper terminal and the lower terminal of the conversion module.

IPC 8 full level
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Citation (search report)
See references of WO 2021185559A1

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