

Title (en)

AN ARRANGEMENT FOR INTERCONNECTING TWO DISTANT LOCATIONS AND A METHOD FOR TRANSMITTING ELECTRIC POWER

Title (de)

ANORDNUNG ZUM VERBINDEN ZWEIER ENTFERNTER ORTE UND VERFAHREN ZUM ÜBERTRAGEN VON ELEKTRISCHEM STROM

Title (fr)

AGENCEMENT D'INTERCONNEXION DE DEUX EMPLACEMENTS DISTANTS ET PROCEDE DE TRANSMISSION D'ENERGIE ELECTRIQUE

Publication

EP 2332228 A1 20110615 (EN)

Application

EP 08803723 A 20080905

Priority

EP 2008061754 W 20080905

Abstract (en)

[origin: WO2010025771A1] An arrangement for interconnecting two distant locations (2, 3) of a meshed grid for power transmission through high voltage alternating current comprises on each location voltage transforming means (6, 7) configured to generate a 2n-phase voltage as well as a 2n-phase cable transmission line (8) interconnecting the voltage transforming means and having cables extending in n couples with cables of the same couple close to each other with a phase shift of substantially p radians of the currents in the respective two cables of each said couple, n being an integer >1. The arrangement further comprises tap changers (18-23) connected to the 2n-phase side of each voltage transforming means.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2010025771A1

Citation (examination)

- US 2004100230 A1 20040527 - HALVARSSON PER [SE], et al
- SEITLINGER W: "PHASENSCHEIBER-TRANSFORMATOREN-DISKUSSION SPEZIELLER EIGENSCHAFTEN", ELEKTROTECHNIK UND INFORMATIONSTECHNIK, SPRINGER VERLAG, WIEN, AT, vol. 115, no. 12, 1 January 1998 (1998-01-01), pages 662 - 665, XP000876206, ISSN: 0932-383X

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