

Title (en)

AIR-COOLED INVERTER IN THE MEGAWATT RANGE

Title (de)

LUFTGEKÜHLTER UMRICHTER IM MEGAWATTBEREICH

Title (fr)

ONDULEUR REFROIDI PAR AIR FONCTIONNANT DANS UNE PLAGE DE PUISSANCE DE L'ORDRE DU MEGAWATT

Publication

EP 0900471 A1 19990310 (DE)

Application

EP 97922900 A 19970509

Priority

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- DE 19636094 A 19960905

Abstract (en)

[origin: US6262906B1] An air-cooled power converter with gate turn-off power semiconductors, is described in which the cooling capacity is such that the temperature of the gate turn-off power semiconductor does not exceed a critical temperature limit, the power converter having optimized heat sinks, at least some of which are thermally connected in parallel, and the power converter is designed to operate at a continuous load of 1 to 20 megawatts, preferably of 2 to 10 megawatts.

IPC 1-7

H02M 7/00

IPC 8 full level

H02M 7/00 (2006.01)

CPC (source: EP US)

H02M 7/003 (2013.01 - EP US); **H05K 7/1432** (2013.01 - US); **H05K 7/14325** (2022.08 - EP)

Citation (search report)

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