

Title (en)

COOLING DEVICE FOR A CURRENT CONVERTER MODULE

Title (de)

KÜHLVORRICHTUNG FÜR EIN STROMUMRICHTERMODUL

Title (fr)

DISPOSITIF DE REFROIDISSEMENT POUR UN MODULE CONVERTISSEUR ÉLECTRONIQUE DE PUISSANCE

Publication

EP 3036765 A2 20160629 (DE)

Application

EP 14755771 A 20140618

Priority

- DE 102013010087 A 20130618
- EP 2014001659 W 20140618

Abstract (en)

[origin: WO2014202217A2] The invention relates to a cooling device for a current converter module. In order to keep the temperature difference on the heat exchanger in a cooling device for a current converter module as low as possible, the cooling device has a cooling liquid channel, which conducts a liquid coolant and which is connected to a cooling circuit, a heat exchanger, which is connected in the cooling circuit and to which a power component is coupled in a thermally conductive manner, and a cooler for cooling the liquid coolant, which cooler is connected in the cooling circuit, wherein a plurality of pipelines is connected in parallel in the heat exchanger in such a way that the temperature difference on the heat exchanger does not exceed a specified quantity.

IPC 8 full level

H01L 23/473 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2014202217A2

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