

Title (en)

INTERNALLY COOLED VALVE HAVING A COOLANT CONDUCTING SYSTEM

Title (de)

INNENGEKÜHLTES VENTIL MIT KÜHLMITTELLEITSYSTEM

Title (fr)

SOUPAPE À REFROIDISSEMENT INTÉRIEUR AVEC UN SYSTÈME DE GUIDAGE DE RÉFRIGÉRANT

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Application

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Abstract (en)

[origin: WO2020173587A1] The present invention relates to an internally cooled valve (2), having a valve body (4) which comprises a valve stem (6) and a valve head (8), wherein a cavity (10) in the valve body (4) extends from the valve stem (6) into the valve head (8) and has a greater diameter (D) in the valve head region (12) than in a valve stem region (14). An equalising channel (16) is arranged in the valve (2) and extends between the valve stem region (14) of the cavity into a valve head region (14) of the cavity (10).

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