

Title of the Invention:

DIFFUSION BONDING HEAT EXCHANGER

ABSTRACT

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A diffusion bonding heat exchanger (100) includes a first heat transfer plate (10) and a second heat transfer plate (20). A high-temperature flow path (11) of the first heat transfer plate includes a connection channel
10 portion (11a) configured such that a high-temperature fluid (HF) can flow across a plurality of channels (14) within at least a range that overlaps a predetermined range (PR) in a stacking direction, the predetermined range being a range from a flow path inlet (23a) of the
15 second heat transfer plate to a position downstream of the flow path inlet.