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(54) Title: HOLDER FOR ALIGNING OPTICAL ENDCAPS CONNECTED TO OPTICAL FIBERS

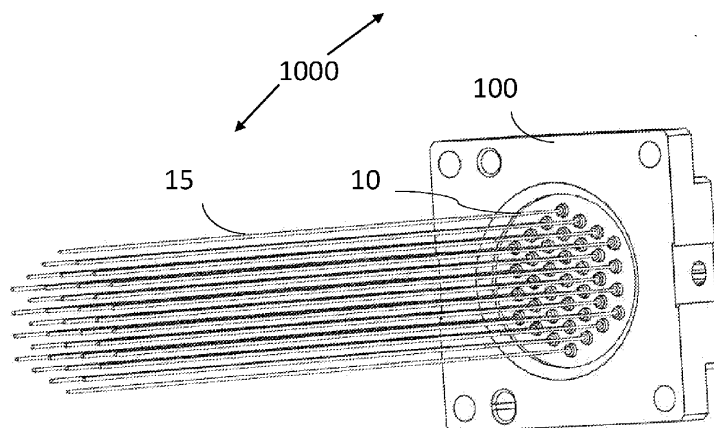


FIG. 1B

(57) Abstract: A holder for aligning optical endcaps each connected to an optical fiber. The holder comprises: a body comprising: at least one row of bores, each being dimensioned to receive a single optical endcap; at least one adhesive channel, crossing at least one row of bores and configured to deliver and hold an adhesive material for fixating each optical endcap to a corresponding bore; and an array of cooling channels connected to at least one inlet and at least one outlet for circulating a cooling fluid, wherein the array of cooling channels is arranged to encompass at least a portion of the outer walls of each bore.

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