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(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC:
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(54) **LINER COOLANT FLOW PILOT FEATURE**

(57) The application relates to a liner coolant flow pilot feature. A coolant liner includes a first flow surface to direct coolant fluid toward the cylinder and a transition region coupled to the first flow surface. The transition region includes a convex portion having a first radius of

curvature and a concave portion having a second radius of curvature. The concave portion is coupled to the convex portion at an inflection point. A second flow surface is coupled to the transition region to direct coolant fluid around the cylinder.

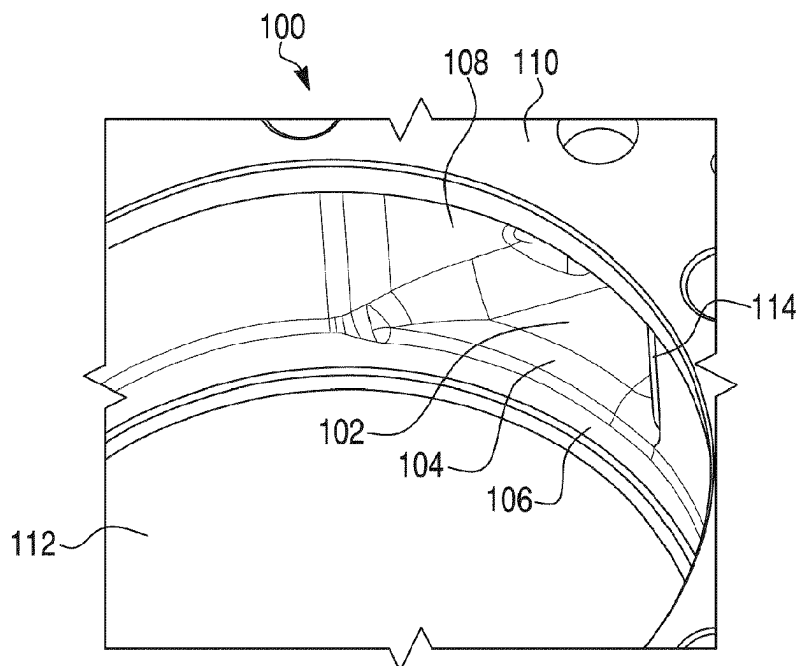


FIG. 1



EUROPEAN SEARCH REPORT

Application Number

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EPO FORM 1503 03.82 (P04C01)

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			TECHNICAL FIELDS SEARCHED (IPC)
			F02F
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 17 July 2024	Examiner Matray, J
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

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5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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17-07-2024

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