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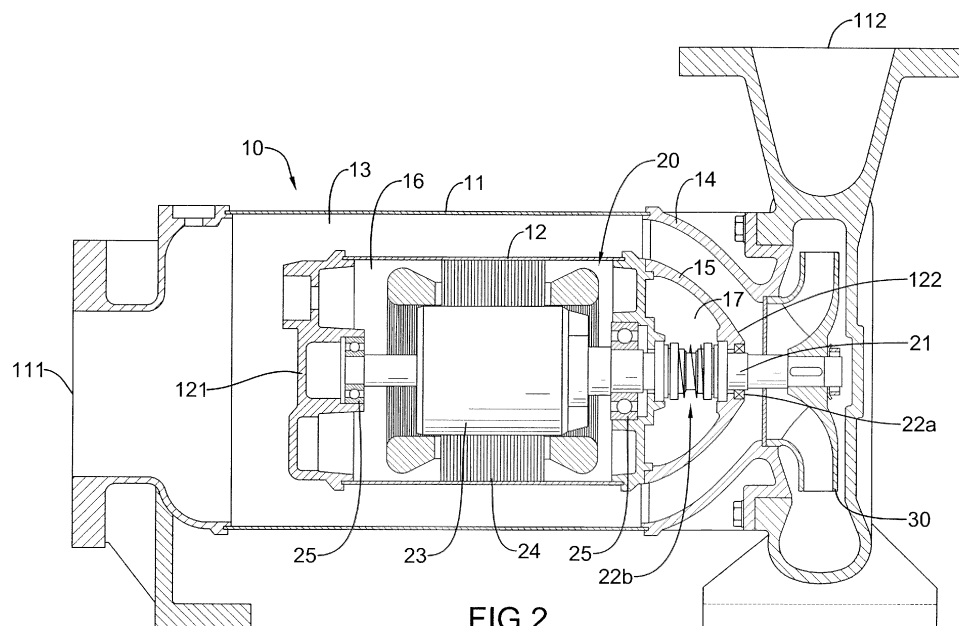
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(54) Liquid cooling pump

(57) A liquid-cooling pump has a casing device (10), a driving device (20) and an impeller (30). The casing device (10) has an inlet (111) and an outlet (112). The driving device (20) is mounted in the casing device (10) and has an oil seal (22a) and a shaft seal (22b). The oil seal (22a) and the shaft seal (22b) are adjacent to the outlet (112). The impeller (30) is adjacent to the outlet

(112). Therefore, the oil seal (22a) and the shaft seal (22b) adjacent to the outlet (112) are under negative pressure to prevent the oil seal (22a) and the shaft seal (22b) from being directly impacted by water. Then, a tightness degree between the shaft (21) and the shaft seal (22b) is reduced and can prevent an abrasion between the shaft (21) and the shaft seal (22b) and increase the water-proof effect.

**FIG.2****EP 2 573 401 A3**



EUROPEAN SEARCH REPORT

Application Number
EP 12 18 5115

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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