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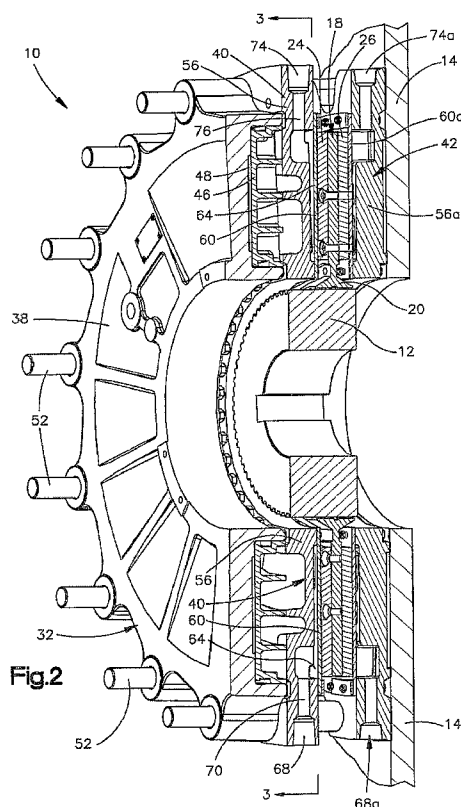
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(54) Title: COUPLING ASSEMBLY



(57) Abstract: A coupling assembly for use in transmitting force includes a housing which at least partially encloses a rotatable disc (18) : The housing has a plate portion (40) with an annular force transmitting surface which is engagable with the rotatable disc. A cooling fluid channel is at least partially defined by a side of the plate portion opposite from the force transmitting surface. A plurality of projections extend into a path of flow of cooling fluid through the cooling fluid channel. A cooling fluid inlet includes a passage having a portion with a large cross section connected in fluid communication with a radially outer portion of the cooling fluid channel. A portion of the inlet passage having a small cross section is connected in fluid communication with a radially inner portion of the cooling fluid channel. Ribs extend across the radially inner and outer portions of the cooling fluid channel.



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