

Title (en)
A combustion chamber

Title (de)
Brennkammer

Title (fr)
Chambre de combustion

Publication
EP 2770259 A2 20140827 (EN)

Application
EP 14152757 A 20140128

Priority
GB 201303057 A 20130221

Abstract (en)
A combustion chamber (15) comprises an outer wall (50) and an inner wall (52). The outer wall (50) has mounting apertures (70) extending there-through and the inner wall (52) has threaded studs (72) extending there-from. The threaded studs (72) extend through the mounting apertures (70) in the outer wall (50). Cooperating nuts (74) locate on the studs (72). Walls (90) are positioned between the outer wall (50) and the inner wall (52). Each wall (90) is spaced from and extends around a respective fastener (72) to form a chamber (92) around the respective fastener (72). Apertures (94) extend through the outer wall (50). Each aperture (94) is spaced from a respective mounting aperture (70). Each aperture (94) allows a flow of coolant (G) into the associated chamber (92) and around the associated fastener (72) to cool the fastener (72). Each wall (90) has an opening (96) at a position diametrically opposite to associated aperture (94) to allow the flow of coolant (G) out of the chamber (90) to a space between the outer wall (50) and the inner wall (52).

IPC 8 full level
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