ABSTRACT

WELLHEAD ASSEMBLY

An assembly 102 for use on a wellhead comprises a tree body 106 having an internal main bore 126 arranged in use to be aligned with the bore of a wellhead housing 204; the tree body comprising a lateral bore 128 extending through the tree body from the internal bore 126; the tree body further comprising means 110 for connecting to a detachable connector 108, such as a re-entry hub, which allows connection to various devices such as a blowout preventer (BOP) tailored to the operational parameters and user requirements. The tree body also comprises one or more integrally formed bores 130,132 and valves 120,122 to provide fluid annulus flow paths and/or cross-over functions 210. The integrally formed flow paths and integrally housed valves improve the integrity of the flow paths and reduce the possibility of leaks.

FIG. 4