

In the permanent connection of a metal pipe with a composite pipe, the wall of which has layers of two families of multidirectional yarns, each of which is laid at a winding angle (θ) and has a different direction to the axis of said wall of the composite pipe, two families of multidirectional spiral grooves are made on the outer surface of the end of the said metal pipe, cut at the above winding angle (θ), which has a different direction to the axis of the metal pipe. In these spiral grooves, the above-mentioned yarns are laid, having the same winding angle (θ) and direction as the spiral grooves.