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(54) Title: RIB FOR SUPPORTING AND REINFORCING AN EXCAVATION

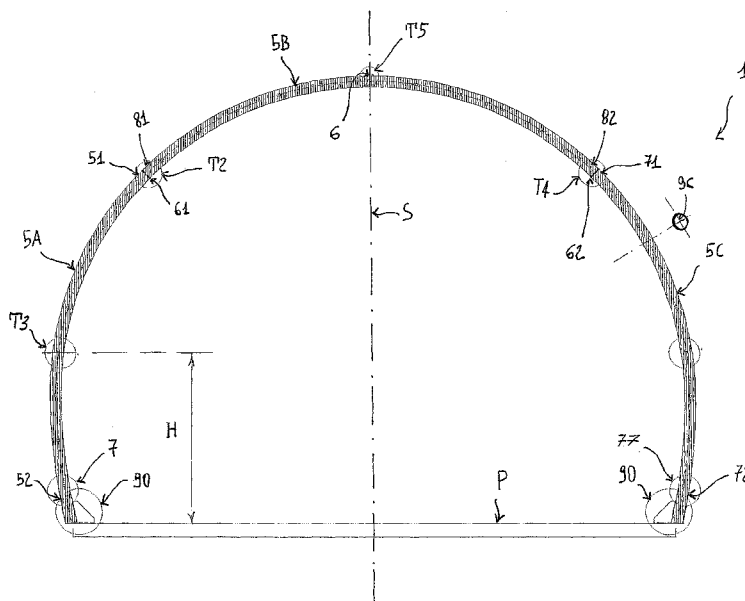


FIG. 1

(57) Abstract: The present invention relates to a rib for supporting and reinforcing an excavation. The invention also relates to a structure and to a method for supporting and reinforcing an excavation. The rib according to the invention comprises at least a structural element provided with a tubular body, preferably with a circular cross section, which defines an inner cavity adapted to be completely filled with concrete after installation of the rib. The structural element is provided with a filling device operatively couplable to concrete injection means.