

ABSTRACT**PIPELINES**

Apparatus for lining installed pipework comprises a support structure 1, a swaging die 3 disposed within the structure 1 for reducing the diameter of a liner pipe 7 passed through it and fixing means 2 for enabling the structure 1 to be fixed to the pipework 10, the swaging die 3 being provided with a swaging surface which or part of which is inclined at an angle between 6° and 32° and no part at an angle of more than 32° to the die axis and the fixing means 2 being adapted to fix the structure 1 at a spacing from the pipework 10, together with a pusher device located with the spacing and adapted to grip the liner pipe 7 after its emergence from the die 3 and urge it towards and through the pipework 10. Where the liner pipe 7 is heated either before it reaches the die or within the die structure there may be cooling means 12 located within the spacing to cool the heated liner pipe 7 as it emerges from the die 3.

Fig. 1