

Title (en)  
GAS PIPE PUMPING SYSTEM

Publication  
**EP 0194837 A3 19880810 (EN)**

Application  
**EP 86301698 A 19860310**

Priority  
GB 8506628 A 19850314

Abstract (en)  
[origin: EP0194837A2] The system has a motor terminal box (2) secured to the exterior of a pipe (1) which may be anywhere between 10 and 40 inches in diameter. A squirrel cage induction motor (4) is located coaxially in the pipe on support webs (7) with the flow of gas taking place through the annular space (8) between the motor and the pipe. The motor rotor (13) is supported on bearings (9,10) supplied with oil, from a reservoir, by a pump (11) on downstream end of the motor shaft. Upstream, the motor shaft extension carries the rotor of a multi-stage axial compressor (14) on a thrust bearing (15) and front bearing (16). If required, a gearbox may be interposed between motor and compressor.

IPC 1-7  
**F04D 25/02**; F04D 29/60; F17D 1/07

IPC 8 full level  
**F04D 25/02** (2006.01); **F17D 1/07** (2006.01)

CPC (source: EP)  
**F04D 25/02** (2013.01); **F17D 1/07** (2013.01)

Citation (search report)  

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- DE 3215864 A1 19831103 - KORFMANN GMBH MASCHF [DE]
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- FR 998558 A 19520121 - FOURNIER ET MOUILLON ETS

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Designated contracting state (EPC)  
BE CH DE FR GB IT LI NL SE

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