

Title (en)  
DRY SCREW DRIVER

Title (de)  
TROCKENER SCHRAUBENVERDICHTER

Title (fr)  
COMPRESSEUR À VIS SEC

Publication  
**EP 2452074 B1 20130703 (EN)**

Application  
**EP 10747261 A 20100709**

Priority  
• IB 2010001706 W 20100709  
• IT PR20090054 A 20090710

Abstract (en)  
[origin: WO2011004257A2] A dry screw compressor having a male rotor (2) at a peripheral speed lower than 80 m/s. The compressor (1) comprises:  
- a casing body (4) having an inlet (10) for a gaseous fluid to be taken in and at least an outlet (11) for the compressed fluid; - at least a male rotor (2) and at least a female rotor (3) meshed together, said rotors (2, 3) being arranged inside said casing body (4). The compressor (1) is characterized in that the ratio between the length (Lm) and the external diameter of the male rotor (2) is higher than or equal to two, and in that the winding angle (f) of the male rotor (2) is smaller than or equal to 300°.

IPC 8 full level  
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CPC (source: EP KR US)  
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