

Title (en)  
GASKET JOINT TIGHTENING

Publication  
**EP 0291215 A3 19900110 (EN)**

Application  
**EP 88303962 A 19880429**

Priority  
US 4844287 A 19870511

Abstract (en)  
[origin: EP0291215A2] An electric drive system applies rotational force to and threadably advances a fastener in a fastener and gasket assembly. A micro processor unit continuously compares the applied torque to a torque control limit value. When the torque control limit is reached the drive system power is reduced. After a preselected time pause the drive system applies at least one retorque pulse. When a predetermined quantity of retorque pulses have been applied, the tensioning operation is terminated.

IPC 1-7  
**B25B 23/147**; **B25B 23/151**

IPC 8 full level  
**B25B 23/14** (2006.01); **B25B 23/147** (2006.01); **B25B 23/151** (2006.01); **F16J 15/00** (2006.01)

CPC (source: EP)  
**B25B 23/147** (2013.01)

Citation (search report)

- [X] DE 3230642 A1 19840223 - VOLKSWAGENWERK AG [DE]
- [A] DE 3212038 A1 19821111 - INT HARVESTER CO [US]
- [A] DE 3010044 A1 19810924 - BAYERISCHE MOTOREN WERKE AG [DE]

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Designated contracting state (EPC)  
DE FR GB IT SE

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