

Title (en)  
KEYLESS CHUCK

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Application  
**EP 89905508 A 19890504**

Priority  
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Abstract (en)  
[origin: WO8911368A1] An axially movable sleeve (36) has interference members or lugs (38) associated with the split nut (34) in a chuck. When the chuck is driven by the spindle (18), the axially movable interference members (38) engage the split nut interference members (40) and are restrained from rotation. The nut (34) is also restrained and the chuck jaws (30) open or close depending upon the direction of rotation of the chuck body (24). The sleeve (36) is positioned to be engaged by the jaws (30) as they approach the full open position. The jaws (30) then move the sleeve (36) axially to disengage the interference members (40, 38) and stop further opening of the jaws (30) before they reach a position to wedge or jam in the open position.

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**B23B 31/1238** (2013.01); **B23B 2231/06** (2013.01); **B23B 2231/38** (2013.01)

Citation (search report)  
• No further relevant documents have been disclosed.  
• See references of WO 8911368A1

Designated contracting state (EPC)  
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