

Title (en)  
CUTTER JIB FOR CUTTING MACHINES FOR CUTTING ROCK, CONCRETE, ETC

Publication  
**EP 0358112 B1 19920415 (DE)**

Application  
**EP 89116095 A 19890831**

Priority  
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Abstract (en)  
[origin: EP0358112A1] On a cutter jib for cutting machines for cutting rock, concrete, etc., an endless flexible cutting belt equipped on the outside with cutting tools and on the inside with supporting members is arranged in an open guide channel, which cutting belt, driven by a drive pinion, revolves. To reduce the friction between the supporting members and the guide surfaces in the guide channel, provision is made for the supporting members to rest on an endless flexible inner belt which revolves on rolling bodies on the base of the guide channel. A very substantial saving in drive energy as well as a clear reduction in wear on the guide surfaces of the guide channel and on the cutting belt are achieved by the reduction in the friction. <IMAGE>

IPC 1-7  
**B28D 1/08**

IPC 8 full level  
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Cited by  
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