

Title (en)  
METHOD OF MAKING A PULLEY

Publication  
**EP 0343314 A3 19910123 (DE)**

Application  
**EP 89100057 A 19890104**

Priority  
• DE 3818041 A 19880527  
• DE 3819957 A 19880611

Abstract (en)  
[origin: EP0343314A2] Method of making a pulley. In the method known in the prior art, a "collapsing" of a deep drawing body is required, with the result that considerable mechanical expenditure is necessary. According to the invention it is proposed to flange the starting round metal blank and then to flatten the flange, so that a bearing surface having a greater wall thickness than the hub face is created. <IMAGE>

IPC 1-7  
**B21D 53/26**

IPC 8 full level  
**B21D 53/26** (2006.01)

CPC (source: EP)  
**B21D 53/261** (2013.01)

Citation (search report)  
• [X] EP 0156178 A2 19851002 - KANEMITSU KK [JP]  
• [XP] DE 3736096 C1 19880915 - WF MASCHINENBAU BLECHFORMTECH  
• [XD] US 4273547 A 19810616 - BYTZEK KLAUS K  
• [A] DE 3445942 A1 19860710 - KLIFA GMBH & CO [DE]  
• [A] US 1943224 A 19340109 - JOHN MACLENNAN

Cited by  
EP0493333A1; DE19524089C1; CN113770222A; DE10156086B4; US6161409A; DE19620178A1; DE19620178C2; DE102012100985A1; KR100291682B1; WO9806521A1

Designated contracting state (EPC)  
DE ES FR GB IT NL SE

DOCDB simple family (publication)  
**EP 0343314 A2 19891129; EP 0343314 A3 19910123; EP 0343314 B1 19930317; ES 2038792 T3 19930801**

DOCDB simple family (application)  
**EP 89100057 A 19890104; ES 89100057 T 19890104**