

Title (en)  
Method of forming disk wheels

Title (de)  
Verfahren zur Herstellung von Radschüsseln

Title (fr)  
Procédé de fabrication de disques de roue

Publication  
**EP 1473097 B1 20080625 (DE)**

Application  
**EP 04090165 A 20040426**

Priority  
DE 10320688 A 20030430

Abstract (en)  
[origin: EP1473097A1] To produce wheel blanks, a rectangular metal strip of a given and consistent thickness is shaped into a partial ring arc by cold rolling using conical rollers. The cold rolling reduced the thickness at the outer side by at least 20%, and its periphery lies on an angle of 130-310[deg] and preferably 180[deg]. Further rounding gives a bandage, with a main angle to the symmetrical axis of 20-70[deg], and the ends are welded together. Further shaping gives the hub flange by rolling at the blank pot and compression at the hub flange.

IPC 8 full level  
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CPC (source: EP US)  
**B21D 53/26** (2013.01 - EP US); **Y10T 29/49504** (2015.01 - EP US); **Y10T 29/49531** (2015.01 - EP US)

Cited by  
DE102008008114A1; DE202014104068U1; US10266004B2; DE102014105400A1; WO2015159231A1; DE102021125383A1; WO2023052975A1

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