

Title (en)  
**WHEEL**

Title (de)  
**RAD**

Title (fr)  
**ROUE**

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Application  
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Abstract (en)  
[origin: WO2013045618A1] The invention relates to a wheel (1), in particular a partially light-metal wheel and/or a light-metal wheel for motor vehicles, substantially comprising a rim (2) and a wheel spider (3), wherein the wheel spider (3) is made of a carbon-fiber-reinforced plastic. According to the invention, the wheel (1) has a clamping ring (4). The wheel spider (3) can be fastened to the rim (2) by means of the clamping ring (4).

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Citation (search report)  
See references of WO 2013045618A1

Citation (examination)  
• US 3160442 A 19641208 - WALTHER WILLIAM D, et al  
• US 4530387 A 19850723 - OSAWA SHIGERU [JP]  
• US 3372957 A 19680312 - TAYLOR FORREST C  
• US 1578238 A 19260323 - RICE DAVIS THOMAS

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