

Title (en)
Procedure for production of vehicle wheels.

Title (de)
Verfahren zur Herstellung von Fahrzeugrädern.

Title (fr)
Procédé de fabrication des roues pour véhicules.

Publication
EP 0509610 A1 19921021 (EN)

Application
EP 92201124 A 19920414

Priority
NO 911551 A 19910419

Abstract (en)
A vehicle wheel made of light metal and consisting of a hub and a rim surface is produced by a process comprising the steps of producing a substantially disc-shaped crude billet from an extruded bolt or a similar rounded solid metal body, heating of a crude billet to a hot rolling temperature and subsequently orbitally rolling the crude billet so as to obtain a rotationally symmetric preformed material, splitting off of the outer portion of the preformed material, and afterwards forming a rim surface by spinning the outer, split-off rim portion. As an alternative, the preformed material after orbital rolling and before splitting can be compressed or cold forged in order to obtain a desired specified design for the hub of the wheel.

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B21K 1/28; **B60B 3/02**

IPC 8 full level
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CPC (source: EP)
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Citation (applicant)
• NO 154908 B 19861006 - PORSCHE AG [DE]
• SE 414592 B 19800811 - FORGEAL [FR]
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Citation (search report)
• [X] US 3822458 A 19740709 - SCHULTE FRIEDRICH WILHELM [DE], et al
• [Y] GB 1152673 A 19690521 - FUCHS GMBH [DE]
• [A] DE 3545054 A1 19860626 - KOBE STEEL LTD [JP]

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