

Title (en)

Method for producing light alloy vehicle wheel

Title (de)

Verfahren zur Herstellung eines Fahrzeugsrads aus Leichtlegierung

Title (fr)

Procédé de production de roue de véhicule en alliage léger

Publication

EP 2329899 A1 20110608 (EN)

Application

EP 10015245 A 20101202

Priority

JP 2009274388 A 20091202

Abstract (en)

A method for producing a light alloy vehicle wheel in which a casting material is forged to produce a rim-integrated vehicle wheel, the method comprising: a casting step (S1) of preparing a flat, square billet by continuous casting or semi-continuous casting using a mold whose mold outlet port is formed into a substantially rectangular shape; a cutting step (S2) of cutting the flat, square billet at a right angle to a casting direction to flatly form a rectangular casting material in the casting direction; a primary forging step (S4) of pressing down the rectangular casting material from a flat surface side of the rectangular casting material to forge the rectangular casting material into a disc shape; and a secondary forging step (S5) of forging the disc-shaped forging product into a rough wheel shape having a disc portion and a rim portion.

IPC 8 full level

B21K 1/28 (2006.01)

CPC (source: EP US)

B21K 1/28 (2013.01 - EP US); **B22D 11/00** (2013.01 - EP US)

Citation (search report)

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- [A] US 3672021 A 19720627 - SCHULTE FRIEDRICH WILHELM [DE], et al
- [A] GB 235065 A 19250611 - BEARDMORE WILLIAM & CO, et al

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Designated contracting state (EPC)

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