

Title (en)
A method for the assembly of a motor-vehicle wheel

Title (de)
Verfahren zum Zusammenbau eines Fahrzeugrades

Title (fr)
Procédé d'assemblage d'une roue de véhicule

Publication
EP 1418011 A1 20040512 (EN)

Application
EP 03025223 A 20031105

Priority
IT TO20020955 A 20021106

Abstract (en)
In order to assemble a motor-vehicle wheel (30), a wheel rim (10) and a wheel disc (20) are provided, the eccentricities of the rim and of the disc are measured, and the angular positions of the eccentricities are determined. The rim and the disc are oriented relative to one another in a angular position such that the eccentricities of the rim and of the disc are disposed on opposite sides of the axis of rotation of the wheel so as to minimize the overall eccentricity of the wheel disc/rim unit (20, 10), to the extent permitted by the wheel or motor-vehicle manufacturer's specifications. The disc (20) is then force-fitted coaxially in the rim (10). Finally, the disc and the rim are welded together. <IMAGE>

IPC 1-7
B21D 53/26

IPC 8 full level
B21D 53/26 (2006.01)

CPC (source: EP)
B21D 53/26 (2013.01)

Citation (search report)
• [A] US 3391439 A 19680709 - BULGRIN WALTER W, et al
• [A] WO 9739321 A1 19971023 - GOODYEAR TIRE & RUBBER [US], et al

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WO2019102086A1

DOCDB simple family (publication)
EP 1418011 A1 20040512; IT TO20020955 A1 20040507

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EP 03025223 A 20031105; IT TO20020955 A 20021106