

Title (en)

METHOD OF MANUFACTURING A METAL VEHICLE WHEEL AND VEHICLE WHEEL

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES METALLFAHRZEUGGRADS UND FAHRZEUGRAD

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE ROUE MÉTALLIQUE DE VÉHICULE ET ROUE DE VÉHICULE

Publication

EP 2654984 A1 20131030 (EN)

Application

EP 11799373 A 20111219

Priority

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- EP 2011006409 W 20111219
- EP 11799373 A 20111219

Abstract (en)

[origin: WO2012084177A1] Method of manufacturing a metal vehicle wheel (10) comprising at least a circumferential rim and a disc, comprising a hot stamping step of hot stamping a metal blank into a wheel part (12) having a circumferential rim portion (16) and an integral disc portion (14) and a quenching step of quenching the hot stamped wheel part; and providing at least one other wheel part (20); and a welding step of at least partially circumferentially welding the wheel parts (12, 20) together.

IPC 8 full level

B21D 53/26 (2006.01); **B21D 53/30** (2006.01); **B60B 3/08** (2006.01)

CPC (source: EP)

B21D 53/30 (2013.01)

Citation (search report)

See references of WO 2012084177A1

Citation (examination)

DE 102007019485 A1 20081106 - BRAUN ELISABETH [DE]

Citation (third parties)

Third party :

- DE 102007019485 A1 20081106 - BRAUN ELISABETH [DE]
- EP 1143029 A1 20011010 - USINOR [FR]

Cited by

WO2019145032A1

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