

Title (en)
A process for the forming of metal alloy wheel rims

Title (de)
Verfahren zum Herstellen von Leichtmetall-Felgen

Title (fr)
Procédé de formage des roues en alliage léger

Publication
EP 1287925 A3 20040428 (DE)

Application
EP 02011998 A 20020531

Priority
DE 10141510 A 20010824

Abstract (en)
[origin: EP1287925A2] Part sections of the rim (10) are subjected to different heat treatments to form different strengths. Inner rim flange (16) and rim base (18) have higher strength than outer rim flange (14) and/or rim well (12). During artificial aging of the rim, part sections (24,28) resp. outer flange and rim well, are maintained at a lower aging temperature. The strength of these sections may be reduced after aging, by additional solution heat treatment.

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IPC 8 full level
B21D 53/26 (2006.01); **B21D 53/30** (2006.01)

CPC (source: EP)
B21D 53/26 (2013.01); **B21D 53/30** (2013.01)

Citation (search report)

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