

Title (en)

METHOD AND APPARATUS FOR MAKING A VEHICLE WHEEL WITH THINNED RIM FROM ONE PIECE OF METAL

Publication

EP 0148066 A3 19850807 (FR)

Application

EP 84402562 A 19841212

Priority

FR 8321074 A 19831230

Abstract (en)

[origin: EP0148066A2] 1. Method of manufacturing a vehicle wheel with substantially lateral wheel center and profiled rim from a disk shaped metal sheet, in which a blank (2) is formed in the shape of a disk with high edge (2b) by a first deep stamping operation, then the edge (2b) and the bottom (2a) of this dish are shaped so as to form respectively the rim and the center of the wheel characterized in that said deep stamping operation is carried out with reduction of this thickness (e1) of the edge (2b) with respect to the thickness (e2) of the initial disk by controlling the force (14) of retention of the blank to be stamped, and in that, in the second stamping operation, said blank is shaped so as to determine the final diameter (D) of the wheel center at the junction thereof with said edge (2b) and so as to place the whole of the material reserved for this wheel center externally of the plane of this diameter, before shaping said edge (2b) of the dish so as to confer thereon the profile of the rim and to shape the wheel center.

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B21D 53/26

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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