

Title (en)
METHOD FOR PRODUCING A LIGHTWEIGHT STEERING WHEEL

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES LEICHTEN LENKRADES

Title (fr)
PROCEDE DE FABRICATION D'UN VOLANT LEGER

Publication
EP 0912314 A1 19990506 (DE)

Application
EP 98929284 A 19980506

Priority
• DE 19719321 A 19970508
• EP 9802669 W 19980506

Abstract (en)
[origin: DE19719321A1] In order to produce a steering wheel with a low mass moment of inertia, a process is disclosed for casting a plastic material around a metallic steering wheel skeleton. The process is characterised in that the steering wheel skeleton and a predetermined amount of a thermomer plastic granulate, in particular polypropylene or polyethylene, mixed with foaming agents, are introduced into a steering wheel mould, and the granulate is heated up to at least 100 DEG C. The granulate particles are foamed, molten and bonded within the steering wheel mould, forming a steering wheel body which surrounds the steering wheel skeleton. The steering wheel body is foamed within, outwardly provided with a substantially closed surface and has a specific density of less than 0.4 g/cm<3>.

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B29C 44/00 (2006.01); **B29C 44/06** (2006.01); **B29C 44/12** (2006.01); **B29C 44/44** (2006.01); **B62D 1/04** (2006.01)

CPC (source: EP KR)
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