

Title (en)

PROCESS FOR MANUFACTURING METAL RIMS FOR VEHICLE WHEELS AND PRODUCTS SO OBTAINED

Publication

EP 0089520 A3 19840321 (EN)

Application

EP 83102016 A 19830302

Priority

IT 2024482 A 19820318

Abstract (en)

[origin: EP0089520A2] Shaped metal rims for vehicle wheels, particularly tire rims of aluminium alloy for wheels of motor vehicles, obtained by hydroforming of a tubular section either extruded or of another type, said section being significantly smaller in diameter than said rims.

IPC 1-7

B21D 53/30; **B21D 26/02**

IPC 8 full level

B21D 26/02 (2011.01); **B21D 26/033** (2011.01); **B21D 26/053** (2011.01); **B21D 53/30** (2006.01)

CPC (source: EP)

B21D 26/033 (2013.01); **B21D 26/053** (2013.01); **B21D 53/30** (2013.01)

Citation (search report)

- [X] DE 2165985 A1 19721026
- [XP] DE 3107887 A1 19821111 - STAHLSCHMIDT & MAIWORM [DE]
- [Y] DE 2432300 A1 19750123 - DUNLOP LTD
- [Y] DE 2844803 A1 19800417 - MANNESMANN AG
- [A] DE 2440725 A1 19760311 - BERG KG
- [A] EP 0002032 A1 19790530 - SCHROTH WILHELM HEINRICH

Cited by

CN110834176A; DE19727599A1; DE19727599B4; DE4142325A1; EP0548859A1

Designated contracting state (EPC)

CH DE FR GB LI SE

DOCDB simple family (publication)

EP 0089520 A2 19830928; **EP 0089520 A3 19840321**; IT 1150477 B 19861210; IT 8220244 A0 19820318

DOCDB simple family (application)

EP 83102016 A 19830302; IT 2024482 A 19820318