

Title (en)
AUTOMOBILE PNEUMATIC TIRES

Title (de)
FAHRZEUGLUFTREIFEN

Title (fr)
PNEU DE VEHICULE

Publication
EP 1181159 A1 20020227 (DE)

Application
EP 00929465 A 20000428

Priority
• DE 19922312 A 19990514
• EP 0003883 W 20000428

Abstract (en)
[origin: DE19922312A1] The contour below the tread (11a) and that of the belt assembly (13) are led out approximately tangentially, starting at latest, at the edges of the ground footprint. In the resiliently-deflected state of the tire, these contours run parallel to the ground, over their entire extent. Preferred Features: Tangential lead out of the contour commences with clearance from the footprint edges, amounting to at most 15%, especially at most 10%, of the footprint width (B). Mixture or rubber material is supplemented or introduced below edge regions of the belt assembly, at the same time using less mixture or rubber in the tread (11) edge regions. Sidewall (12) construction is more voluminous in connecting regions radially within the belt edges. Added mixture- or rubber beneath belt assembly edges, is in the form of introduced rubber profile(s).

IPC 1-7
B60C 11/01; **B60C 11/00**; **B60C 9/18**

IPC 8 full level
B60C 9/18 (2006.01); **B60C 9/28** (2006.01); **B60C 11/00** (2006.01)

CPC (source: EP KR)
B60C 9/18 (2013.01 - EP); **B60C 9/28** (2013.01 - EP); **B60C 11/00** (2013.01 - EP); **B60C 11/01** (2013.01 - KR); **B60C 11/0332** (2013.01 - EP); **Y02T 10/86** (2013.01 - EP)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0069660 A1 20001123; CZ 20013202 A3 20030212; DE 19922312 A1 20001123; EP 1181159 A1 20020227; HU P0201034 A2 20020828; JP 2002544045 A 20021224; KR 20010113943 A 20011228; PL 351675 A1 20030519

DOCDB simple family (application)
EP 0003883 W 20000428; CZ 20013202 A 20000428; DE 19922312 A 19990514; EP 00929465 A 20000428; HU P0201034 A 20000428; JP 2000618099 A 20000428; KR 20017014511 A 20011114; PL 35167500 A 20000428