

Title (en)  
TYRE BEAD WITH CIRCUMFERENTIAL REINFORCING ELEMENTS

Title (de)  
REIFENWULST MIT IN UMFANGSRICHTUNG ORIENTIERTEN FESTIGKEITSTRÄGERN

Title (fr)  
BOURRELET DE PNEUMATIQUE AVEC ELEMENTS DE RENFORT CIRCONFERENCELS

Publication  
**EP 1047565 A1 20001102 (FR)**

Application  
**EP 98966350 A 19981216**

Priority

- EP 9808264 W 19981216
- FR 9800291 A 19980112

Abstract (en)  
[origin: FR2773518A1] The invention concerns a tyre comprising at least a radial body ply (2), anchored in each tyre bead (B) to two bead wires (11) and (12) to form a turn-up (20), characterised in that, viewed in meridian cross-section, a supplementary reinforcement (6), formed by at least one ply (61) of circumferential reinforcing elements, is placed, at least axially inside, along the radial body ply (2) in the tyre bead (B) zone.

IPC 1-7  
**B60C 15/00**; **B60C 15/05**; **B60C 15/06**

IPC 8 full level  
**B60C 15/00** (2006.01); **B60C 15/05** (2006.01); **B60C 15/06** (2006.01)

CPC (source: EP KR US)  
**B60C 15/00** (2013.01 - KR); **B60C 15/0081** (2013.01 - EP US); **B60C 15/05** (2013.01 - EP US); **B60C 15/06** (2013.01 - EP US);  
**Y10T 152/10819** (2015.01 - EP US); **Y10T 152/10828** (2015.01 - EP US)

Citation (search report)  
See references of WO 9934989A1

Designated contracting state (EPC)  
DE ES FR GB IT SE

DOCDB simple family (publication)  
**FR 2773518 A1 19990716**; BR 9814586 A 20001024; CA 2318333 A1 19990715; CA 2318333 C 20040810; CN 1129532 C 20031203; CN 1284030 A 20010214; EP 1047565 A1 20001102; JP 2002500121 A 20020108; JP 4564653 B2 20101020; KR 100697969 B1 20070323; KR 20010034045 A 20010425; RU 2219073 C2 20031220; US 6463975 B1 20021015; WO 9934989 A1 19990715

DOCDB simple family (application)  
**FR 9800291 A 19980112**; BR 9814586 A 19981216; CA 2318333 A 19981216; CN 98813434 A 19981216; EP 9808264 W 19981216; EP 98966350 A 19981216; JP 2000527415 A 19981216; KR 20007007653 A 20000711; RU 2000121067 A 19981216; US 61462700 A 20000712