

Title (en)

METHOD OF PRINTING MARKINGS ONTO RUBBER ARTICLES, IN PARTICULAR TYRES

Title (de)

VERFAHREN ZUM AUFDRUCKEN VON KENNZEICHNUNGEN AUF GUMMIARTIKEL, INSbesondere REIFEN

Title (fr)

PROCEDE POUR L'IMPRESSION DE MARQUAGES SUR DES ARTICLES EN CAOUTCHOUC, EN PARTICULIER SUR DES PNEUS

Publication

EP 0929407 A1 19990721 (DE)

Application

EP 97909305 A 19970922

Priority

- DE 19640834 A 19961002
- EP 9705196 W 19970922

Abstract (en)

[origin: WO9814338A1] The invention concerns a method of printing markings onto rubber articles, in particular tyres, the marking being applied by means of colour. According to the invention, the method is characterized in that the marking is printed on, the rubber article comprises a particular mixture composition in the marking region, no wax or protective additives being present, and the print colour comprises a binder which is adapted to the rubber mixture of the marking region. According to the invention, the print colour is a solvent-containing two-component colour. The marking is printed onto the rubber article by means of a tampon-printing process.

IPC 1-7

B60C 13/00; C08J 7/04; C09D 175/04

IPC 8 full level

B41M 1/32 (2006.01); **B41M 1/40** (2006.01); **B60C 13/00** (2006.01); **C08J 7/04** (2006.01); **C08K 3/04** (2006.01); **C08L 7/00** (2006.01);
C08L 9/00 (2006.01); **C09D 11/102** (2014.01); **C09D 107/00** (2006.01); **C09D 109/00** (2006.01); **C09D 175/04** (2006.01)

CPC (source: EP KR)

B41M 1/32 (2013.01 - EP); **B41M 1/40** (2013.01 - EP); **B60C 13/00** (2013.01 - KR); **B60C 13/001** (2013.01 - EP); **C09D 11/102** (2013.01 - EP);
B29D 2030/728 (2013.01 - EP)

Designated contracting state (EPC)

AT DE ES FR GB IT LU SE

DOCDB simple family (publication)

WO 9814338 A1 19980409; BR 9712187 A 20050412; CZ 112599 A3 19991215; DE 19640834 A1 19980423; DE 19640834 C2 19980910;
EP 0929407 A1 19990721; HU P9904154 A2 20000428; HU P9904154 A3 20000529; JP 2000510191 A 20000808;
KR 20000048882 A 20000725; PL 332571 A1 19990927; TR 199901347 T2 20000121

DOCDB simple family (application)

EP 9705196 W 19970922; BR 9712187 A 19970922; CZ 112599 A 19970922; DE 19640834 A 19961002; EP 97909305 A 19970922;
HU P9904154 A 19970922; JP 51619598 A 19970922; KR 19997002898 A 19990402; PL 33257197 A 19970922; TR 9901347 T 19970922