

Title (en)

TYRE HAVING A TREAD PROVIDED WITH CAVITIES CONTAINING A SPECIFIC FILLER MATERIAL

Title (de)

KAUTSCHUKZUSAMMENSETZUNG FÜR REIFENLAUFFLÄCHEN, DIE HOHLRÄUME MIT SPEZIFISCHEN FÜLLMATERIAL ENTHALTEN

Title (fr)

PNEUMATIQUE DONT LA BANDE DE ROULEMENT EST POURVUE DE CAVITES COMPORTANT UN MATERIAU DE REMPLISSAGE SPECIFIQUE

Publication

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Application

EP 08868075 A 20081218

Priority

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- FR 0760442 A 20071228

Abstract (en)

[origin: WO2009083160A1] The invention relates to a tyre having a tread, wherein the tread includes a plurality of cavities, at least a portion of said cavities including a filler composition containing at least: a dienic elastomer; more than 50 pce of a load (referred to as A) in which the particles are nanoparticles having an average size (in mass) lower than 500 nm; more than 70 pce of a load (referred to as B) in which the particles are microparticles having a median size (in mass) higher than 1 µm. The filler composition is sufficiently cohesive for ensuring an excellent mechanical strength of the cavities. It is further capable of progressive wear when running, and without crackling, at a rate higher than that of the composition used for the tread itself.

IPC 8 full level

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Citation (search report)

See references of WO 2009083160A1

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