

Title (en)
THERMALLY INSULATIVE EXPANDED POLYTETRAFLUOROETHYLENE ARTICLES

Title (de)
WÄRMEDÄMMENDE ARTIKEL AUS EXPANDIERTEM POLYTETRAFLUORETHYLEN

Title (fr)
ARTICLES EN POLYTÉTRAFLUOROÉTHYLÈNE EXPANSÉ THERMIQUEMENT ISOLANTS

Publication
EP 3601422 A1 20200205 (EN)

Application
EP 18718277 A 20180327

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• US 201715472819 A 20170329
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Abstract (en)
[origin: WO2018183225A1] Thermally insulative materials and articles are described. In one embodiment, a thermally insulative material comprises a polymer matrix, aerogel particles and expanded microspheres, wherein the aerogel particles are present in an amount of 30% by weight or greater, the polymer matrix is present in an amount of 20% by weight or greater and the expanded microspheres are present in an amount of 0.5% to 15% by weight, the percentages being based on the total weight of the polymer matrix, the aerogel particles and the expanded microspheres, and wherein the thermal conductivity of the thermally insulative material is less than 40 mW/m K at atmospheric conditions.

IPC 8 full level
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C-Set (source: EP)
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