

Title (en)
BLOWING AGENT IMPREGNATION ENHANCEMENT IN BEAD FOAM

Title (de)
VERBESSERUNG DER TREIBMITTELTRÄNKUNG IN PARTIKELSCHAUM

Title (fr)
AMÉLIORATION DE L'IMPRÉGNATION PAR UN AGENT D'EXPANSION DANS UNE MOUSSE À BILLES

Publication
EP 2164894 A1 20100324 (EN)

Application
EP 08770925 A 20080613

Priority
• US 2008066814 W 20080613
• US 95837407 P 20070705

Abstract (en)
[origin: WO2009009252A1] Impregnate polymeric beads containing 100 parts of an alkenyl aromatic polymer, 0.1 to 8 parts of a blowing agent impregnation enhancer selected from a group consisting of saturate aliphatic hydrocarbons having 20 to 60 carbon atoms and ester products of a saturated mono-carboxylic acid having 14 to 20 carbon atoms with an alkyl alcohol having 3 to 5 carbon atoms with 2 to 9 parts of a blowing agent by softening the polymer beads containing the impregnation enhancer to within 40 °C of the beads softening temperature and impregnating the beads with blowing agent to prepare an expandable polymer bead. Expand the expandable polymer bead to prepare an expanded polymer bead foam.

IPC 8 full level
C08J 9/00 (2006.01); **C08J 9/18** (2006.01)

CPC (source: EP)
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Citation (search report)
See references of WO 2009009252A1

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