

Title (en)
Functional yarn and method for manufacturing the same

Title (de)
Funktionales Garn und Herstellungsverfahren dafür

Title (fr)
Fil fonctionnel et son procédé de fabrication

Publication
EP 2241659 A1 20101020 (EN)

Application
EP 09003666 A 20090313

Priority
EP 09003666 A 20090313

Abstract (en)
A functional yarn includes a thread (10), a plastic material (20) coated on the thread (10) and functional particles (30) disposed evenly in the plastic material (20). A method for manufacturing a functional yarn includes the steps of blending a plastic material (20) with function particles (30) so that the functional particles (30) are disposed evenly in the plastic material (20) and coating the plastic material (20) with functional particles (30) on a thread (10) in a hot-melt manner to form the functional yarn. Because the functional yarn uses the plastic material (20) as a binding agent, the functional particles (30) are adhered firmly on the thread (10).

IPC 8 full level
D02G 3/40 (2006.01); **D06B 3/04** (2006.01)

CPC (source: EP)
D02G 3/404 (2013.01); **D06B 3/04** (2013.01)

Citation (search report)

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

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