Title (en)
HYBRID YARN FOR PRODUCING MOLDED PARTS

Title (de)
HYBRIDGARN ZUR HERSTELLUNG VON FORMTEILEN

Title (fr)
FIL HYBRIDE POUR LA FABRICATION DE PIÈCES MOULÉES

Publication
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Application
EP 11719783 A 20110427

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Abstract (en)
[origin: CA2796747A1] The invention relates to a hybrid yarn (1) for producing molded parts (8) which have a thermoplastic matrix and reinforcing fibers (4, 5, 6, 7) embedded therein. The hybrid yarn (1) comprises a core (2) that substantially consists of staple fibers (4, 5) oriented in a linear manner in a longitudinal direction (LR) of the hybrid yarn (1) and a jacket (3) that substantially consists of staple fibers (6, 7) looped around the core (2) in a helical line-shaped manner. The staple fibers (4, 5) that form the core (2) and the staple fibers (6, 7) that form the jacket (3) each consists of an intimate mixture (4, 5; 6, 7) of thermoplastic matrix fibers (4, 6) and reinforcing fibers (5, 7).

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Citation (search report)
See references of WO 2011134995A1

Citation (examination)
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- WO 2008045440 A2 20080417 - DU PONT [US], et al
- EP 0201357 A2 19861112 - BURLINGTON INDUSTRIES INC [US]
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