

Title (en)
A MULTI-COMPONENT YARN

Title (de)
MEHRKOMPONENTEN-GARN

Title (fr)
FIL À MULTICOMPOSANTS

Publication
EP 2668322 A1 20131204 (EN)

Application
EP 12739565 A 20120224

Priority
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Abstract (en)
[origin: WO2012100305A1] A yarn spinning process for producing a multi-component yarn (B), the process comprising: providing at least a first set of fibres as a core (11) for the multi-component yarn, and sequentially wrapping about the first set of fibres a primary wrapper (8) provided from a first side of the fibres, and then with a secondary wrapper (9) provided from a second, different, side of the fibres, wherein the first set of fibres is provided with a first twist direction, the first wrapper is provided with a second twist direction and the second wrapper is provided with a third twist direction. The process is performed on a ring spinning frame, the core fibres are staple fibres such as wool and the primary and secondary wrappers can be staple fibre yarn or continuous filament yarn.

IPC 8 full level
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Citation (third parties)
Third party : Robin Browne
• US 4976096 A 19901211 - SAWHNEY A PAUL S [US], et al
• WO 9409195 A1 19940428 - WOOL RES ORGANISATION [NZ], et al
• FR 2549862 A1 19850201 - PAYEN CIE L [FR]
• US 4961306 A 19901009 - SAWHNEY A PAUL S [US], et al
• US 3387451 A 19680611 - CAPE FRANCIS B, et al
• US 2101943 A 19371214 - WILHELM HOLLERUNG
• NZ 225679 A 19911025 - WOOL RES ORGANISATION
• GB 765295 A 19570109 - CELANESE CORP
• WINSLEY, CASE STUDIES, vol. III
• ADVANCES IN WOOL TECHNOLOGY
• AUSTRALIAN TEXTILES, 1991

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