

Title (en)

Method and apparatus for the manufacture of a multi-coloured yarn composed of differentially dyed continuous filament yarns

Title (de)

Verfahren und Vorrichtung zur Erzeugung eines mehrfarbigen Garnes aus unterschiedlich farbigen Teilfäden aus Endlosfilament

Title (fr)

Procédé et dispositif pour la production d'un fil multicolore à partir de fils continues, teints différenciellement

Publication

EP 0784109 B1 20020904 (DE)

Application

EP 97810012 A 19970113

Priority

CH 9396 A 19960112

Abstract (en)

[origin: EP0784109A2] To produce a multi-coloured yarn, using threads and filaments of different colours, the threads/filaments are gathered after they have been compacted, to be wound as a yarn. Also claimed is an apparatus with a common gathering /compaction stage (9) for all the threads/filaments (11.1, 11.2), a winder (10) for the assembled yarn (12) and a compacting unit (3) for each thread/filament, which is in before the gathering/compacting stage.

IPC 1-7

D02J 1/08; **D02G 1/20**; **D02G 1/16**; **D02G 1/12**

IPC 8 full level

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CPC (source: EP US)

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WO2012171590A1; WO2018130608A1; US6079086A; US6192667B1; US6253430B1; DE19929817B4; US6076345A; EP0930383A1; CN103154334A; EP1146151A3; CN110168155A; EP0848095A1; US5804115A; DE102009046200A1; DE10302079B4; EP0906975A1; EP1449945A3; US6814828B1; US7955194B2; US6378180B2; WO2004018751A1; WO2015124497A1; WO2012052203A1; US6442923B1; DE102014002318A1; US9309608B2; DE102017100487A1; US11479884B2; DE102017100488A1; WO2018130604A1; US11535955B2; EP2721203B1

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