

Title (en)

Method and apparatus for the production of a stranded fibre composite and a fibre composite in strand form

Title (de)

Verfahren und Vorrichtung zum Herstellen eines strangartigen Faserverbundes und Faserverbund in Strangform

Title (fr)

Procédé et dispositif pour la production d'une composite fibreuse allongée et une composite fibreuse allongée

Publication

EP 0928840 B1 20070418 (DE)

Application

EP 98124638 A 19981223

Priority

DE 19800725 A 19980112

Abstract (en)

[origin: EP0928840A2] Molten glass filaments are deposited on a rotating drum and solidify as fibers (3). They are scraped off by a blade (4) and fed tangentially to a conical forming chamber (6) where they swirl round, optionally assisted by an air current. A core yarn (12) is introduced axially to produce a wrapped composite strand. Independent claims are also included for: (a) an apparatus for feeding the core yarn (12) at one end (9) and removing the composite at the other end (8) of the forming chamber (6), optionally with intermingling or texturizing of the core feed (13); and (b) a composite strand (14) with a staple fiber or filament yarn core wrapped with glass fibers.

IPC 8 full level

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CPC (source: EP)

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