

Title (en)
DEVICE FOR PRODUCING SPUN THREAD FROM STAPLE FIBRE ASSEMBLY

Title (de)
VORRICHTUNG ZUM HERSTELLEN EINES GESPONNENEN FADENS AUS EINEM STAPELFASERVERBAND

Title (fr)
DISPOSITIF DE PRODUCTION D'UN FIL FORME A PARTIR D'UN ENSEMBLE DE FIBRES COUPEES

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Abstract (en)
[origin: WO2005007948A1] The invention relates to device for producing spun thread from staple fibre assembly comprising a delivery channel which is provided with an admission opening and a spindle-like stationary component. The inventive device also comprises a fluid unit for producing a vortex flow around the admission opening of the fibre delivery channel and an air exhaust channel surrounding the spindle-like component in the form of a circle. Said device comprises an injection channel connectable to a compressed air source which is connected to the fibre delivery channel by means of an orifice and directed to the admission opening thereof. According to said invention, the spindle-like component is provided with a separate spindle tip comprising the admission opening of the fibre delivery channel and also the injection channel.

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