

Title (en)
DRAFT UNIT FOR SYNTHETIC FIBERS

Title (de)
VERZUGSEINHEIT FÜR SYNTHETISCHE FASERN

Title (fr)
UNITE D'ETIRAGE POUR FIBRES SYNTHETIQUES

Publication
EP 1161577 A1 20011212 (EN)

Application
EP 00910759 A 20000303

Priority
• EP 0001823 W 20000303
• IT V1990041 A 19990303

Abstract (en)
[origin: WO0052237A1] The invention realizes a draft unit (1; 50) for synthetic fibers consisting of an electric motor (3) that drives the rotation of a draft cylinder (2). Said cylinder consisting of a first tubular cylindrical element (14) on which the fibers (F) to be drafted are wound, splined firmly to the protruding shaft (9) of the motor, a second tubular cylindrical element (15) positioned coaxially inside said first tubular cylindrical element (14) and having one end flanged to the front shield (6; 53) of said motor (3), an inductor (16) located on the outside of said second tubular element (15), means (36) for reading the temperature of said first tubular cylindrical element (14). The inductor (16) is composed of a foliated pack (30) splined on the outside of said second tubular element (15) and is provided with longitudinal external slots (31) which hold electric conductors (32) wound in a manner basically parallel to the longitudinal axis (4) of the inductor.

IPC 1-7
D01D 10/04; **D02J 13/00**; **H05B 6/14**

IPC 8 full level
D01D 10/04 (2006.01); **D01H 1/22** (2006.01); **D01H 5/74** (2006.01); **D02J 13/00** (2006.01); **H05B 6/14** (2006.01)

CPC (source: EP)
D01D 10/04 (2013.01); **D01H 1/22** (2013.01); **D01H 5/74** (2013.01); **D02J 13/005** (2013.01); **H05B 6/145** (2013.01)

Citation (search report)
See references of WO 0052237A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0052237 A1 20000908; AT E241713 T1 20030615; AU 3285200 A 20000921; DE 60003002 D1 20030703; EP 1161577 A1 20011212; EP 1161577 B1 20030528; IT 1308134 B1 20011129; IT V1990041 A1 20000903

DOCDB simple family (application)
EP 0001823 W 20000303; AT 00910759 T 20000303; AU 3285200 A 20000303; DE 60003002 T 20000303; EP 00910759 A 20000303; IT V1990041 A 19990303