Title (en)
  WINDING DEVICE FOR THREADS FROM CREELS

Title (de)
  WICKELVORRICHTUNG FÜR FÄDEN VON SPULENGATTERN

Title (fr)
  DISPOSITIF D'ENROULEMENT POUR FILS DE CANTRES

Publication
  EP 0904436 B1 20020130 (DE)

Application
  EP 97922982 A 19970506

Priority
  • DE 29608169 U 19960506
  • EP 9702307 W 19970506

Abstract (en)
  [origin: WO9742364A1] A winding device for threads (F) from V-creels (10), from the bobbins of which the threads (F) are drawn off via pre-loopping bars and a comb, and wound on a winding shaft (21) of the winding device, where the pre-looping bars near the winding device have more threads looped around them and those further away fewer, and their degree of looping is centrally adjustable. At least one measuring device is placed behind the comb in the direction of travel of the threads to determine the tension in the threads (F) and the central adjustment of the pre-looping bars is controlled in relation to the result of measurement. To permit automatic resetting of the pre-looping bars independently of the material and the running speed of the threads in winding devices of different kinds, the winding device is contructed in such a way that the pre-looping bars are divided at least on one side (10') of a creel (10) into successive functional groups (40, 40'), to at least one of which is allocated a measuring device to determine the tension in threads (F) of this group (40, 40'), and a central adjustment of at least one group (40, 40') can be controlled in accordance with the result of measurement.

IPC 1-7
  D02H 13/26; D02H 13/24

IPC 8 full level
  D02H 13/24 (2006.01); **D02H 13/26** (2006.01)

CPC (source: EP US)
  D02H 13/24 (2013.01 - EP US); **D02H 13/26** (2013.01 - EP US)

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  DE 29608169 U1 19970904; DE 59706246 D1 20020314; EP 0904436 A1 19990331; EP 0904436 B1 20020130; ES 2173444 T3 20021016; PT 904436 E 20020731; US 6109557 A 20000829; WO 9742364 A1 19971113

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  DE 29608169 U 19960506; DE 59706246 T 19970506; EP 9702307 W 19970506; EP 97922982 A 19970506; ES 97922982 T 19970506; PT 97922982 T 19970506; US 18037898 A 19981105