

Title (en)
SPINNING WINDING FRAME

Title (de)
SPINNSPULMASCHINEN

Title (fr)
BOBINOIR

Publication
EP 0729524 A1 19960904 (DE)

Application
EP 95930364 A 19950921

Priority
• CH 9500211 W 19950921
• CH 286394 A 19940921

Abstract (en)
[origin: US5794868A] PCT No. PCT/CH95/00211 Sec. 371 Date Jul. 22, 1996 Sec. 102(e) Date Jul. 22, 1996 PCT Filed Sep. 21, 1995 PCT Pub. No. WO96/09425 PCT Pub. Date Mar. 28, 1996 In an arrangement for spinning endless threads of synthetic filaments an apparatus is provided normally comprising a winder as well as a unit comprising a roll arrangement. Owing to the application of rolls of extended length the design height level of the apparatus above the winder can be reduced substantially.

IPC 1-7
D01D 13/02; **D01D 7/00**

IPC 8 full level
B65H 51/08 (2006.01); **B65H 51/12** (2006.01); **B65H 54/22** (2006.01); **B65H 67/04** (2006.01); **D01D 7/00** (2006.01); **D01D 11/00** (2006.01); **D01D 13/02** (2006.01)

CPC (source: EP US)
B65H 51/12 (2013.01 - EP US); **B65H 57/003** (2013.01 - EP US); **D01D 7/00** (2013.01 - EP US); **D01D 13/02** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US); **B65H 2701/38** (2013.01 - EP US)

Citation (search report)
See references of WO 9609425A1

Designated contracting state (EPC)
IT

DOCDB simple family (publication)
US 5794868 A 19980818; AU 3378795 A 19960409; CN 1135775 A 19961113; DE 19581060 D2 19970717; EP 0729524 A1 19960904; JP H09506940 A 19970708; WO 9609425 A1 19960328

DOCDB simple family (application)
US 64815896 A 19960723; AU 3378795 A 19950921; CH 9500211 W 19950921; CN 95190882 A 19950921; DE 19581060 T 19950921; EP 95930364 A 19950921; JP 51049196 A 19950921