

Title (en)
THREAD WINDING PROCESS AND DEVICE

Title (de)
VERFAHREN UND VORRICHTUNG ZUM AUFSPULEN EINES FADENS

Title (fr)
PROCEDE ET DISPOSITIF DE BOBINAGE D'UN FIL

Publication
EP 0629174 B1 19981230 (DE)

Application
EP 93924483 A 19931111

Priority
• CH 9300255 W 19931111
• CH 351192 A 19921113

Abstract (en)
[origin: WO9411290A1] When winding a thread according to the progressive precision winding process, the speed of rotation of a cross-winding motor is directly derived from the speed of rotation of the mandrel of the bobbin, preferably on the basis of the winding ratio valid at a moment in time, which is in turn determined from the crossing angle.

IPC 1-7
B65H 54/38

IPC 8 full level
B65H 54/28 (2006.01); **B65H 54/38** (2006.01)

CPC (source: EP US)
B65H 54/383 (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Designated contracting state (EPC)
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WO 9411290 A1 19940526; CH 691474 A5 20010731; DE 59309258 D1 19990211; EP 0629174 A1 19941221; EP 0629174 B1 19981230; JP H07502961 A 19950330; US 5605295 A 19970225

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