

Title (en)
Integrated yarn-winder machine

Title (de)
Integrierte Garnwickelmaschine

Title (fr)
Machine à enrouleur de fils intégré

Publication
EP 2080825 A2 20090722 (EN)

Application
EP 08171104 A 20081209

Priority
IT MI20072353 A 20071217

Abstract (en)
An integrated yarn-winder machine comprising a spinning unit (2), provided with a plurality of spinning stations (6) each capable of achieving the winding of a yarn (34), obtained starting from a sliver (10), on a bobbin (44), a winding unit (4), provided with a plurality of winding stations (8) each capable of unwinding the yarn (34) from the bobbin (44) and to rewind it on a package (72), and means for the transport of the bobbins (44) replete with yarn (34) from the spinning stations (6) towards the winding stations (8) and for the transport of the empty tubes (46) from the winding stations (8) towards the spinning stations (6). The yarn-winder machine comprises a single management and control group (78) containing all the control equipment and the service devices adapted to simultaneously ensure the functioning of the spinning unit (2), of the winding unit (4), of one or more service modules (100) dedicated to the spinning stations (6), situated along the sides of the spinning unit (2), and one or more service modules (101, 102, 103) dedicated to the winding stations (8), situated along the sides of the winding unit (4). The yarn-winder also comprises a centralised suction unit (86) with two reduced pressure stages connected in series with each other.

IPC 8 full level
D01H 1/28 (2006.01); **D01H 1/32** (2006.01); **D01H 9/04** (2006.01)

CPC (source: EP)
D01H 1/28 (2013.01); **D01H 1/32** (2013.01); **D01H 9/04** (2013.01)

Cited by
CN107758426A; CN110790086A; WO2015004684A3

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

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