

Title (en)
Method for optimising a batch change in an open-end spinning machine

Title (de)
Verfahren zur Optimierung eines Partiewechsels an einer Offenend-Spinnmaschine

Title (fr)
Procédé d'optimisation de changement de lot sur un métier à filer à fibres libérées

Publication
EP 2762617 B1 20170308 (DE)

Application
EP 13006037 A 20131220

Priority
DE 102013001599 A 20130130

Abstract (en)
[origin: EP2762617A1] The method involves has a winding device (44) which produces a cross-wound bobbin (8). An individually driven unit prepares a required set for rejoining the yarn end (3). A spooling device is provided with a pivoted coil frame, and that is acted upon by a reversible single drive drum. The single motor driven yarn traversing device and the work stations (1) are equipped with a pivotally mounted suction nozzle (4). The match end signal is output indicative of output signals from the operator to perform the manual steps for batch change of the work place.

IPC 8 full level
D01H 4/44 (2006.01); **D01H 13/16** (2006.01); **D01H 13/24** (2006.01)

CPC (source: EP)
D01H 4/44 (2013.01); **D01H 13/16** (2013.01); **D01H 13/24** (2013.01)

Citation (opposition)
Opponent : Rieter Ingolstadt GmbH
• DE 10139075 A1 20030220 - SCHLAFHORST & CO W [DE]
• DE 102004044551 A1 20060330 - RIETER INGOLSTADT SPINNEREI [DE]
• DE 102008003704 A1 20090716 - OERLIKON TEXTILE GMBH & CO KG [DE]
• DE 10251623 A1 20040519 - RIETER INGOLSTADT SPINNEREI [DE]
• DE 19505023 A1 19960822 - SCHLAFHORST & CO W [DE]

Cited by
EP4015684A1; WO2024078939A1; DE102014018628A1; EP3757264A1; CN112111815A; JP2021008699A; US10337127B2; US11198956B2; DE102022126365A1; DE102020134251A1; EP3875647A1; DE102020106124A1

Designated contracting state (EPC)
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EP 2762617 A1 20140806; EP 2762617 B1 20170308; CN 103966708 A 20140806; CN 103966708 B 20170905;
DE 102013001599 A1 20140731

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