

Title (en)
YARN INSERTING ARRANGEMENT FOR A RING SPINNING MACHINE

Title (de)
GARNEINFÜHRANORDNUNG FÜR EINE RINGSPINNMASCHINE

Title (fr)
AGENCEMENT D'INSERTION DE FIL POUR UNE MACHINE À FILER À ANNEAUX

Publication
EP 3567142 A1 20191113 (EN)

Application
EP 19170803 A 20190424

Priority
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Abstract (en)
The present invention provides a yarn inserting arrangement (2) for a ring spinning machine and a method thereof. The yarn inserting arrangement (2) comprises a suction tube (8) for receiving a lifted end of a broken yarn (10) from a cop (9), a gripping arm (3) for pulling the broken yarn (10) between the suction tube (8) and the cop (9), and a rocker arm (4) for pulling the broken yarn (10) after the gripping arm (3) moves downwards to a position proximal to a ring position of a ring rail (11) to allow the broken yarn (10) hooked in the gripping arm (3) and the rocker arm (4) to be substantially tangential to the ring of the ring rail (11) for insertion of the broken yarn (10) into a rotatable traveler (12) positioned in the ring of the ring rail (11).

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Citation (search report)

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

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