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## (54) Method and device for introducing of yarn end into a spinning nozzle of a jet spinning machine

(57) The invention relates to the method for introducing of yarn end (A) into a spinning nozzle (1) of the jet spinning machine, during which the yarn (A) is handed over to the introducing head (2) of an attending device, which is movably mounted along at least one row of operating units, and which is capable to stop in front of the specified operating unit requiring attendance, while the introducing head (2) transports the yarn end (A) for introducing to an outlet opening (11) of the spinning nozzle (1). At handing over the yarn (A) into the introducing head (2) the yarn (A) on the introducing head (2) is guided into a defined position, it is caught in the introducing head (2) and there is created an end of yarn (A) for introducing, which in the defined position is held at the introducing head (2), which after then shifts to an outlet opening (11) of the spinning nozzle (1) into its introducing position, consequently the yarn end (A) releases from holding at the introducing head (2) and it is exposed to suction from outlet opening (11) of the spinning nozzle (1), through which the yarn end (A) straightens towards an outlet opening (11) of the spinning nozzle (1) and it is sucked into an outlet opening (11) of the spinning nozzle (1), through which it is repeatedly achieved that the yarn end (A) is reliably introduced for introducing into the spinning nozzle (1) for spinning renewal.

The invention also relates to attending device of the jet spinning machine, which is movable along a row of operating units, while it comprises the introducing head (2) adjustable during attendance of an operating unit into a position for take-over of the yarn (A) after spinning interruption, and further adjustable into a introducing position of a yarn end (A) for introducing into the spinning

nozzle (1). The introducing head (2) is provided with the means for catching the yarn (A) in a defined position and further it is provided with the means for forming a yarn end (A) for introducing and the means for holding a yarn end (A) for introducing in defined position at the introducing head (2).

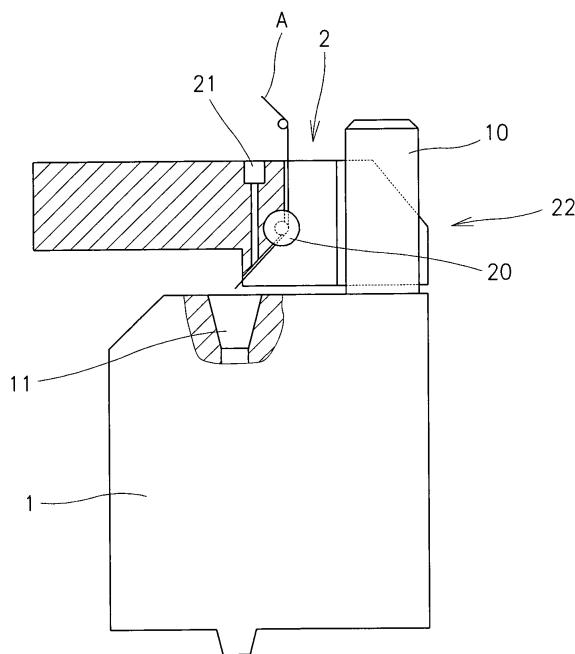


Fig. 2



## EUROPEAN SEARCH REPORT

Application Number  
EP 08 46 6005

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	WO 94/00626 A1 (RIETER AG MASCHF [CH]; WITSCHI MARTIN [CH]) 6 January 1994 (1994-01-06) * page 6, last paragraph - page 8, last paragraph; figure 1 * * page 13, last paragraph * -----	1-15	INV. D01H1/115 D01H4/02 D01H15/00
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A	US 4 517 794 A (SAKAI SHOJI [JP] ET AL) 21 May 1985 (1985-05-21) * column 3, lines 6-39; figures 1-3 * -----	1,7	
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			TECHNICAL FIELDS SEARCHED (IPC)
			D01H
2 The present search report has been drawn up for all claims			
2	Place of search	Date of completion of the search	Examiner
	Munich	28 March 2011	Dreyer, Claude
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	
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ON EUROPEAN PATENT APPLICATION NO.

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