

Title (en)
Method and apparatus for the production of chenille yarn

Title (de)
Verfahren und Vorrichtung zur Herstellung von Chenillefaden

Title (fr)
Procédé et dispositif pour la production de fil de chenille

Publication
EP 1302573 A3 20050420 (EN)

Application
EP 02015259 A 20020709

Priority
IT PI20010064 A 20010927

Abstract (en)
[origin: EP1302573A2] A method for operating in parallel a plurality of machines 1, 2,... N for the production of chenille yarn, having for each respective machine 1,2,... N a first motor M'1, M'2,... M'N that operates the cylinders shaft for feeding warp yarns, a blade and dragging rollers; a second motor M''1, M''2,... M''N that operates a spinning head; and a third motor M'''1, M'''2,... M'''N that operates the spindles. For operating the above described motors a same first voltage V' is supplied through a first line 101 to each first motor M'1, M'2,... M'N by a same first operating unit to an inverter A'; a same second voltage V'' is supplied through a second line 102 to each second motor M''1, M''2,... M''N by means of a same second operating unit to an inverter A''; a same third voltage V''' is supplied through a third line 103 to each third motor M'''1, M'''2, ... M'''N by means of a same third operating unit to an inverter A'''. The voltages V', V'' and V''' and the relative currents are supplied through lines 101, 102 and 103 by inverter circuits A', A'', A'''. A same speed for each power input joint of the driven axes of each machine is thus assured, that can be made with relevant savings in mechanical transmissions and electronics, for having competitive costs. <IMAGE>

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IPC 8 full level
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CPC (source: EP)
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Citation (search report)
• [XA] EP 0674030 A1 19950927 - GIESSE SRL [IT]
• [A] EP 0502828 A1 19920909 - GIESSE SRL [IT]
• [A] US 3645078 A 19720229 - ROBERTS CHARLES E
• [A] US 3969881 A 19760720 - BOLDRINI LUIGI

Cited by
CN114604691A; CN108425163A; ITFI20110203A1; ITPI20110102A1; CN111364141A; CN108486720A; CN109056126A

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