Title (en)
Method for operating the yarn feeder of a loom

Title (de)
Verfahren zum Betreiben eines Fadenliefergerätes einer Webmaschine

Title (fr)
Procédé pour faire fonctionner le fournisseur d'un métier à tisser

Publication
EP 1087045 A1 20010328 (DE)

Application
EP 00810774 A 20000829

Priority
- EP 00810774 A 20000829
- EP 99810865 A 19990927

Abstract (en)
Requirements for at least two successive weft insertions are simultaneously fed back to the weft feeder (1) An Independent claim is included for the corresponding loom, operated as described. Preferred features: Weft demand for two successive insertions is transmitted back in this way, to a number of weft feeders. This demand is fed back to each weft feeder. More than two successive weft demands can be fed back to each weft feeder. Especially is the demand for 4, 8, 12 or 16 successive weft fiber introductions transmitted. The weft feeder includes a winder (6) wrapping the weft thread (3) around a storage drum (2). When winding in preparation for the stated demand, the rotary speed of the winder is at a controlled, low value; and/or acceleration and/or braking of the of the winder are effected slowly. Should one weft feeder fail, remaining units are controlled to satisfy weft demand.

Abstract (de)
Das Verfahren zum Betreiben eines Fadenliefergerätes einer Webmaschine zeichnet sich aus, dass dem Fadenliefergerät gleichzeitig der Schussfadenbedarf von zumindest zwei folgenden Schussfadeneinträgen übermittelt wird.

IPC 1-7
D03D 47/36

IPC 8 full level
D03D 47/34 (2006.01); **D03D 47/36** (2006.01)

CPC (source: EP)
D03D 47/34 (2013.01); **D03D 47/361** (2013.01); **D03D 47/367** (2013.01)

Citation (search report)
- [A] EP 0195469 A2 19860924 - PICANOL NV [BE]
- [A] WO 9323595 A1 19931125 - TE STRAKE BV [NL], et al
- [A] FR 2556749 A1 19850621 - ALSACIENNE CONSTR MAT TEX [FR]
- [A] EP 0261683 A2 19880330 - TSUDAKOMA IND CO LTD [JP]
- [AD] WO 9914149 A1 19990325 - IRO PATENT AG [CH], et al

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Designated contracting state (EPC)
BE DE IT

DOCDB simple family (publication)
EP 1087045 A1 20010328; **EP 1087045 B1 20040225**

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