

Title (en)
SYNCHRONOUS CONTROL METHOD FOR LOOM AND THE LOOM

Title (de)
SYNCHRONES STEUERUNGSVERFAHREN FÜR EINE WEBMASCHINE SOWIE WEBMASCHINE

Title (fr)
PROCÉDÉ DE COMMANDE SYNCHRONE POUR MÉTIER À TISSER ET MÉTIER À TISSER

Publication
EP 3608458 A1 20200212 (EN)

Application
EP 19188246 A 20190725

Priority
JP 2018149988 A 20180809

Abstract (en)
In a loom including a shedding device (2) that includes a shedding motor (23) independent from a main shaft motor (13) of the loom as a driving source and that displaces each of healds in an up-down direction as a single drive shaft (22) that is common to all of the healds is driven by the shedding motor (23), a rotation amount of the drive shaft (22) in each weaving cycle is detected at least when the loom is performing a normal operation, and driving of the main shaft motor (13) is controlled so that a main shaft (12) of the loom is rotated so as to be synchronized with the drive shaft (22) in accordance with a detection signal indicating the detected rotation amount.

IPC 8 full level
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Citation (applicant)
JP H03249233 A 19911107 - MURATA MACHINERY LTD

Citation (search report)
• [X] EP 0893525 A1 19990127 - RUETI AG MASCHF [CH]
• [A] EP 2118350 A1 20091118 - PICANOL NV [BE]
• [A] CN 103306000 A 20130918 - SUZHOU KINWAY TECHNOLOGIES INC
• [A] CN 102978774 A 20130320 - WANG YONG

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DOCDB simple family (application)
EP 19188246 A 20190725; CN 201910683192 A 20190726; JP 2018149988 A 20180809