

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 B1 20220727 (EN)

Application

EP 19188246 A 20190725

Priority

JP 2018149988 A 20180809

Abstract (en)

[origin: EP3608458A1] 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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