

Title (en)
STARTING METHOD FOR A WEAVING MACHINE

Title (de)
STARTVERFAHREN FÜR EINE WEBMASCHINE

Title (fr)
PROCÉDÉ DE DÉMARRAGE POUR UN MÉTIER MÉCANIQUE

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Abstract (en)
[origin: WO2016128517A1] The invention relates to a method for controlled start-up of a weaving and shedding machine, wherein: - the weaving machine and the shedding machine are connected to a control device, - the weaving machine is driven by means of a main drive; - the shedding machine is driven by means of an electric motor auxiliary drive; - the weaving machine and the shedding machine are connected to the energy flow transmission by means of a common converter D.C. link, - the shedding machine is started at a time t0 and accelerated up to a time t1 to an overspeed which is above its working speed, wherein the time t1 is before a time t3; - the weaving machine is started at a time t2, wherein the start phase of the weaving machine is within the time interval from time t2 up to time t3; and - a power transmission (feeding back) is carried out from the shedding machine to the weaving machine in the said start phase by means of the converter D.C. link. The method according to the invention is characterised in that the shedding machine is accelerated to a specified overspeed between the times t0 and t1, and in that the gradient of the rotational speed curve of the shedding machine is more negative in a later section of the start phase than in an earlier section.

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