

Title (en)

Device for synchronizing the shedding device in a loom.

Title (de)

Vorrichtung zum Synchronisieren einer Fachbildemaschine mit einer Webmaschinen.

Title (fr)

Dispositif pour la recherche du pas de la mécanique d'armature dans le métier à tisser.

Publication

EP 0086999 A1 19830831 (EN)

Application

EP 83100863 A 19830131

Priority

IT 1953182 A 19820209

Abstract (en)

A device for synchronizing weaving machines with looms - of the type comprising a unit (10) of two coaxial clutches and an auxiliary motor (1) connected to said unit for controlling the weaving machine, through one of said clutches, when the drive between the loom and said machine is interrupted through the other clutch - comprises clutch control means in the form of a wheel (9) with face cams (9,9 sec), mounted coaxial and freely rotating on said clutches, but bound to the axial movements of an element (14 sec) of at least one of the clutches. Said wheel (9) is caused to rotate by the auxiliary motor (1) together with said element (14 sec) of said clutch and it is axially moved therewith, against the action of return spring means (17), when said face cams (9,9 sec) of the wheel (9) cooperate with fixed cam-followers (18) placed around the clutches.

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IPC 8 full level

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CPC (source: EP)

D03C 1/146 (2013.01); **D03D 51/02** (2013.01)

Citation (search report)

- [A] DE 2222151 B2 19740718
- [A] DE 2602512 B1 19770804 - SULZER AG
- [A] DE 2509665 A1 19760909 - LENTZ TEXTILMASCHINEN GMBH

Cited by

EP0161012A1; EP0466636A1; US4875565A; US10442293B2; WO2016138065A1

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