

Title (en)

Multi-position front clutch having a locking device of the movable element in a control drive of a weaving loom

Title (de)

Multipositionskupplung mit Blockiereinrichtung des beweglichen Elementes in einer Webmaschinenantriebsvorrichtung

Title (fr)

Embrayage multiposition avec système de blocage de l'élément mobile dans un dispositif d'entraînement de métier à tisser

Publication

**EP 1245707 B1 20081126 (EN)**

Application

**EP 01830224 A 20010329**

Priority

EP 01830224 A 20010329

Abstract (en)

[origin: EP1245707A1] Multi-position front clutch for the drive unit of a weaving loom, consisting of a pair of coaxial gearwheels (3, 2) which may be meshed together, one (3) of which being fixed and the other (2) axially movable. The axially fixed gearwheel (3) of the clutch is connected to a motor (20) for actuating the loom, while the axially movable gearwheel (2) is connected to the weaving devices (27) of the loom. The axially movable gearwheel (2) also comprises a second set of teeth, opposite to that which forms the clutch (28), apt to engage with a toothed support (1) integral with the loom when the clutch is in the disengaged position and vice versa. The use of a locking brake (35) for the weaving devices (27) is thus eliminated. <IMAGE>

IPC 8 full level

**D03D 51/02** (2006.01)

CPC (source: EP)

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Cited by

EP1600542A3; EP1469109A3; EP3919662A1; EP3919660A1; CN103628230A; CN109468734A; EP3919661A1; US11732389B2; US11753753B2; US11591724B2

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