

Title (en)
DRIVE SYSTEM FOR A WEAVING MACHINE

Title (de)
ANTRIEBSSYSTEM FÜR EINE WEBMASCHINE

Title (fr)
SYSTÈME D'ENTRAÎNEMENT POUR UNE MACHINE À TISSER

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Application
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Abstract (en)
The invention relates to a drive system (1) for a weaving machine comprising a first drive gear wheel (2) for driving a first group of elements, a second drive gear wheel (3) for driving a second group of elements, a switching gear wheel (4), wherein the switching gear wheel (4) is displaceable between a first position, in which the switching gear wheel (4) is in drive connection with the first drive gear wheel (2) and the second drive gear wheel (3), and a second position, in which the switching gear wheel (4) is not in drive connection with the first drive gear wheel (2), and a blocking device (9), wherein the blocking device (9) can be activated for blocking a rotation of the second drive gear wheel (3) while the second drive gear wheel (3) is in standstill, wherein the blocking device (9) comprises a lever (14) having a tooth (15) for engaging with teeth (16) of the second drive gear wheel (3), and wherein the lever (14) is mounted swivellable about a swivel axis (17) of the lever (14) extending in parallel to the rotation axis (18) of the second drive gear wheel (3) between a blocking position, in which the tooth (15) engages with the second drive gear wheel (3), and a rest position, in which the tooth (15) is disengaged from the second drive gear wheel (3). The invention further relates to a weaving machine with such a drive system (1).

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CPC (source: EP)
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Citation (applicant)
• US 5617901 A 19970408 - ADRIAEN MARC [BE], et al
• US 7857011 B2 20101228 - ADRIAEN MARC [BE]

Citation (search report)
• [AD] US 7857011 B2 20101228 - ADRIAEN MARC [BE]
• [AD] US 5617901 A 19970408 - ADRIAEN MARC [BE], et al
• [A] US 5046534 A 19910910 - VANDENBROUCKE ANDRE [BE], et al

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