Title (en)
Shedding control method and device of a loom

Title (de)
Verfahren und Vorrichtung zur Fachbildungssteuerung einer Webmaschine

Title (fr)
Procédé et dispositif de commande de la formation de la foule de métier à tisser

Publication
EP 1486597 B1 20080521 (EN)

Application
EP 04011310 A 20040512

Priority
JP 2003169033 A 20030613

Abstract (en)
[origin: EP1486597A2] A shedding control method, of a loom, for vertically moving each of heald frames (18) through a crank mechanism (24, 26) which has an eccentric portion (48) to be rotated in one direction by a heald frame driving electric motor (38) provided in each heald frame, comprising steps of rotating at a first rotational speed the eccentric portion in a first section between an intermediate rotational position of the eccentric portion corresponding to when the heald frame is located at an intermediate position between an upper limit position and a lower limit position and between a top dead center rotational position of the eccentric portion corresponding to when the heald frame is located at the upper limit position; and rotating at a second rotational speed different from the first rotational speed the eccentric portion in a second section between a bottom dead center rotational position of the eccentric portion corresponding to when the heald frame is located at the lower limit position and the intermediate rotational position; and wherein the relation in magnitude of the first rotational speed and the second rotational speed is made to correspond to the relation in dimension of the first section and the second section. <IMAGE>

IPC 8 full level
D03C 13/00 (2006.01); D03C 1/14 (2006.01); D03C 5/00 (2006.01)

CPC (source: EP)
D03C 13/00 (2013.01); D03C 13/025 (2013.01)

Cited by
CN109881326A; EP1715090A3; EP1739216A1; US10494745B2; US10501872B2

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DE 602004013882 D1 20080703; JP 2005002520 A 20050106; JP 4008384 B2 20071114

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