

Title (en)
CIRCULAR WEAVING LOOM

Publication
EP 0253798 A3 19900307 (DE)

Application
EP 87890165 A 19870709

Priority
AT 190486 A 19860714

Abstract (en)
[origin: US4821778A] In a circular loom having a machine frame and a lower and an upper circular-ring-shaped running race arranged in the machine frame for guiding a shuttle, the running rollers of the same are fitted in between inclined guiding surfaces of the upper and lower running races. To keep low wear of the running rollers and to ensure smooth running of the shuttle, (a) the guiding surfaces are inwardly inclined, i.e. formed to diverge to the middle axis of the circular loom, (b) the shuttles are journaled with running rollers having frustoconical running surfaces on the guiding surfaces, (c) for each of the running rollers, the tip of the cone forming the frustoconical running surfaces are on the middle axis of the circular loom and (d) the tip of the cone forming the frustoconical running surface of a running roller coincides with the tip of the imaginarily extended pertaining frustoconical guiding surface.

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D03D 37/00

IPC 8 full level
D03D 37/00 (2006.01)

CPC (source: EP US)
D03D 37/00 (2013.01 - EP US)

Citation (search report)
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CN101805954A; CN102634915A

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DE GB IT

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EP 0253798 A2 19880120; EP 0253798 A3 19900307; AT 385783 B 19880510; AT A190486 A 19871015; CN 1003948 B 19890419; CN 87104842 A 19880127; JP S6328939 A 19880206; US 4821778 A 19890418; ZA 874929 B 19880330

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