

Title (en)

WEFT INSERTION DEVICE FOR A GRIPPER SHUTTLE LOOM

Publication

**EP 0199881 B1 19880120 (DE)**

Application

**EP 85810201 A 19850503**

Priority

EP 85810201 A 19850503

Abstract (en)

[origin: US4669513A] The guide for a picking element is provided with five plane guide surfaces which are peripherally disposed about the picking tunnel. These five guide surfaces are disposed on each of the single guide tooth or are distributed between a separately constructed guide hook and an adjacent separately constructed guide support. Any two adjacent guide surfaces are disposed to define an angle of at least 90 degrees in order to reduce the friction forces operating between the guide surfaces and the picking element.

IPC 1-7

**D03D 47/27**; **D03D 49/60**

IPC 8 full level

**D03D 47/24** (2006.01); **D03D 49/60** (2006.01)

CPC (source: EP US)

**D03D 47/24** (2013.01 - EP US); **D03D 47/277** (2013.01 - EP US); **D03D 49/60** (2013.01 - EP US)

Cited by

US5806570A; EP0402285A1; FR2648161A1; EP0709505A1

Designated contracting state (EPC)

DE GB IT

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**EP 0199881 A1 19861105**; **EP 0199881 B1 19880120**; DE 3561477 D1 19880225; SU 1449017 A3 19881230; US 4669513 A 19870602

DOCDB simple family (application)

**EP 85810201 A 19850503**; DE 3561477 T 19850503; SU 4027389 A 19860429; US 84968586 A 19860409