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Application
EP 91916946 A 19910926

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- JP 11933890 U 19901116
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Abstract (en)
[origin: WO9206234A1] A diamond-like carbon (DLC) film is spread over the dents of a reeed as a part of a high speed loom at a part of the dents requiring the highest resistance-to-wear. When using stainless steel as a base material of the dents, DLC film is spread through an intermediate layer comprising, for example, a titanium carbide layer. Reed dents covered with a DLC layer are arranged at side ends of the reed which are likely to wear severly and, at the middle portion of the reed, dents covered with comparatively inexpensive hard film or non-treated dents are arranged so that degrees of wear of reed dents may be uniform throughout the reed for enabling reduction in cost. A reed of this invention is applicable to a variety of fibers such as natural fibers, synthetic ones, and new material ones, whereby durability of a reed is markedly increased at low cost.

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IPC 8 full level
D03D 49/62 (2006.01)

CPC (source: EP KR)
D03D 47/278 (2013.01 - EP); **D03D 49/62** (2013.01 - EP KR)

Citation (search report)
- [A] PATENT ABSTRACTS OF JAPAN vol. 010, no. 269 (C - 372) 12 September 1986 (1986-09-12)
- [A] DATABASE WPI Week 9021, Derwent World Patents Index; AN 90-159738
- [A] PATENT ABSTRACTS OF JAPAN vol. 013, no. 384 (C - 629) 24 September 1989 (1989-09-24)
- See references of WO 9206234A1

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CN102719976A; EP0943712A1; FR2776310A1; DE10331503A1; CN1037987C; EP0659920A1; US5447181A; US5758696A; DE4429943C1; US5658394A; EP0707104A3; DE4480113T1; GB2301119B; US5762110A; DE4480113B4; EP0707104A2; US6338881B1; WO9810117A1; WO2005021851A1; EP3792382A1; WO2021048131A1

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