

Title (en)
A synchronous yarn feeding device.

Title (de)
Synchrone Fadenliefervorrichtung.

Title (fr)
Dispositif d'alimentation en fil synchrone.

Publication
EP 0350976 A1 19900117 (EN)

Application
EP 89201438 A 19890605

Priority
US 21695988 A 19880711

Abstract (en)
A synchronous yarn feeding device comprising a yarn feeding drum (10) and a driving belt (20). The drum (10) is provided with protrusions or studs (13) that are arranged for cooperative engagement with concave surfaces or holes (21) in the driving belt (20). A portion (22) of the driving belt (20) presses yarn (30) onto the drum (10) such that rotation of the drum (10) and feeding of the yarn are synchronous with the speed of the driving belt (20).

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B65H 51/10; **D04B 15/48**

IPC 8 full level
B65H 51/10 (2006.01); **D04B 15/48** (2006.01)

CPC (source: EP)
B65H 51/105 (2013.01); **D04B 15/48** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

- [X] FR 2283971 A1 19760402 - VNII TRIKOTAZHNOJ PROMY [SU]
- [A] EP 0026350 A2 19810408 - HACOBA TEXTILMASCHINEN [DE]
- [A] FR 2335438 A1 19770715 - ROANNAIS CONST TEXTILES ATEL [FR]
- [A] EP 0228542 A1 19870715 - SIPRA PATENT BETEILIGUNG [DE]

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EP0562797A1

Designated contracting state (EPC)
AT BE CH DE ES FR GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0350976 A1 19900117; AU 3625689 A 19900111; CA 1308546 C 19921013; CN 1024360 C 19940427; CN 1040235 A 19900307; GB 2220682 A 19900117; GB 2220682 B 19930303; GB 8914015 D0 19890809; PH 26296 A 19920410; ZA 894420 B 19900328

DOCDB simple family (application)
EP 89201438 A 19890605; AU 3625689 A 19890609; CA 603919 A 19890626; CN 89104540 A 19890628; GB 8914015 A 19890619; PH 38809 A 19890616; ZA 894420 A 19890612