

Publication

**EP 0574421 A4 19940223**

Application

**EP 92904623 A 19920115**

Priority

US 66481991 A 19910305

Abstract (en)

[origin: WO9215512A1] An apparatus for precisely advancing film (24) material between two rollers includes a driven roller (22) having a medium hardness rubber surface and a non-driven hard surfaced roller (12) which contacts precision surfaces (13) at either end of the driven roller (22) to accurately control the spacing between the two rollers. The non-driven roller (12) is urged against the driven roller precision surfaces by a spring force (16), and causes the rubber of the driven roller to compress when film material is in an operative position between the roller pair.

IPC 1-7

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IPC 8 full level

**B65H 20/02** (2006.01)

CPC (source: EP)

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Citation (search report)

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- [A] US 2334820 A 19431123 - HAWLEY JOHN F
- [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 183 (M - 820)<3531> 28 April 1989 (1989-04-28)
- [A] BULLOCK AND CHURCH: "paper feed roller and transport", IBM TECHNICAL DISCLOSURE BULLETIN, no. 6, November 1979 (1979-11-01), pages 2230 - 2231
- See references of WO 9215512A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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