

Title (en)
Device for mounting a removable cylinder

Title (de)
Vorrichtung zum Ankuppeln eines entnehmbaren Zylinders

Title (fr)
Dispositif pour accoupler un cylindre démontable

Publication
EP 0714767 A1 19960605 (DE)

Application
EP 95118335 A 19951122

Priority
DE 4442575 A 19941130

Abstract (en)
[origin: DE4442575C1] The coupling device has a drive wheel (18) with a removable split coupling (27), a hollow shaft (16) and a switching shaft (23) which can be moved axially. The drive wheel is fixed to the end (17) of the hollow shaft remote from the roller. Another levelling coupling (22) is fitted between the hollow shaft and the switching shaft. The levelling coupling is positive and offset axially. There is no play in it. The hollow shaft has external teeth (33), and the switching shaft has two sets of external teeth (34, 36) which can be turned relative to each other, to operate in engagement with the internal teeth of the hollow shaft.

Abstract (de)
Bei einer Vorrichtung zum Ankuppeln eines entnehmbaren Zylinders (1) einer Rotationsdruckmaschine an einem Antriebsrad (18) besteht die Aufgabe darin, daß das Antriebsrad bei Entnahme des Zylinders ortsfest im Gestell verbleibt. Erfindungsgemäß wird dies durch eine Schaltwelle (23) erreicht, die mittels Kupplungen (26,27) sowohl mit dem Antriebsrad als auch mit dem Zylinder verbindbar angeordnet ist. <IMAGE>

IPC 1-7
B41F 13/20

IPC 8 full level
B41F 13/20 (2006.01); **B41F 13/24** (2006.01); **B41F 13/26** (2006.01)

CPC (source: EP US)
B41F 13/20 (2013.01 - EP US); **B41F 13/26** (2013.01 - EP US); **B41P 2213/804** (2013.01 - EP US)

Citation (applicant)
• DE 1983546 U 19680418 - ALBERT SCHNELLPRESSEN [DE]
• DE 1858031 U 19620906 - WINDMOELLER & HOELSCHER [DE]

Citation (search report)
• [A] US 3611926 A 19711012 - JOHNSON JAMES REID
• [A] US 4878427 A 19891107 - WASHCHYNSKY BOHDAN [US], et al
• [A] DE 674128 C 19390405 - DRESDEN LEIPZIGER SCHNELLPRESS

Cited by
US6712000B1; DE19956949C2; DE10000401C2; DE19962421C1; DE10227448A1; US6601503B2; WO0138093A1

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