

Title (en)
Roll changing tool

Title (de)
Walzenwechselwerkzeug

Title (fr)
Outil pour le changement de rouleau

Publication
EP 1577028 A1 20050921 (DE)

Application
EP 05000001 A 20050103

Priority
DE 102004012532 A 20040315

Abstract (en)
The roller holder (6) has an angular lever (3) at one end. This is pivoted on a dismounting unit (2) such that the roller holder (6) can be swung to the center of gravity of the dismounting unit (2). To swing the angular lever, its end is connected to an actuator (7), i.e. a cylinder, which is pivoted on the dismounting unit, where its (7) location is adjacent to the center of gravity of the dismounting unit. For each roller stub axle, the dismounting unit includes an L-shaped carrier; these are inserted into the roller stack prior to roller dismounting. Each roller holder has a pair of jaws (16) curved to grip the stub axle. The rotation axis of the bearing (11) holding the angular lever on the dismounting unit, is at right angles to the transverse extent of the dismounting unit.

Abstract (de)
Walzenwechselwerkzeug mit einer Hubvorrichtungshalterung (9) und einer Walzenaufnahme (6) für jeden Walzenzapfen einer Walze (4), wobei die Walzenaufnahme (6) an einem Ende eines Winkelhebels (3) vorgesehen ist, der an einer Ausbauvorrichtung (2) derart drehbar angeordnet ist, daß sich die Walzenaufnahme (6) nach einer Schwenkbewegung im Schwerpunkt der Ausbauvorrichtung (2) befindet. <IMAGE>

IPC 1-7
B21B 31/08; **D21G 1/02**

IPC 8 full level
B21B 31/08 (2006.01); **D21G 1/02** (2006.01); **B21B 31/14** (2006.01)

CPC (source: EP)
B21B 31/08 (2013.01); **D21G 1/0293** (2013.01)

Citation (search report)
• [AD] DE 19633668 C1 19971120 - VOITH SULZER FINISHING GMBH [DE]
• [A] DE 19633670 A1 19980226 - VOITH SULZER FINISHING GMBH [DE]
• [A] DE 3926356 A1 19900301 - FORM [CS]

Cited by
CN104399755A; RU2620407C2; US9782810B2; WO2022105427A1

Designated contracting state (EPC)
DE FI

DOCDB simple family (publication)
EP 1577028 A1 20050921; **EP 1577028 B1 20070606**; DE 102004012532 A1 20051006; DE 502005000797 D1 20070719

DOCDB simple family (application)
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