

Title (en)

Roller levelling machine with cassette exchange system

Title (de)

Walzenrichtmaschine mit Kassettenwechselsystem

Title (fr)

Machine de dressage à rouleaux avec système de changement de cassette

Publication

**EP 2116315 B2 20130313 (DE)**

Application

**EP 08008689 A 20080508**

Priority

EP 08008689 A 20080508

Abstract (en)

[origin: EP2116315A1] The roller leveling machine (11) has an upper rolling chair (13) with multiple upper direction rollers, and a lower rolling chair (15) with multiple lower direction rollers. The upper or lower direction rollers are propelled, and a drive is provided over drive shafts (23'), which are connected with the associated direction roller at one of their ends and are connectable at their other end by detachable clutches with a transfer case (35). Another transfer case (65) is provided, which is connectable in place of former transfer case with a changing casket (16').

IPC 8 full level

**B21D 1/02** (2006.01)

CPC (source: EP)

**B21D 1/02** (2013.01); **B21D 37/14** (2013.01)

Citation (opposition)

Opponent :

- WO 2005080016 A2 20050901 - BRONX MFG COMPANY UK LTD [GB], et al
- US 5255548 A 19931026 - MELZER ANDREW E [US], et al
- EP 0142577 A1 19850529 - NIPPON STEEL CORP [JP]
- GB 1558083 A 19791219 - KLOECKNER WERKE AG
- US 5680785 A 19971028 - QUEHEN ANDRE [FR], et al

Cited by

WO2014173756A1; CN105188977A; RU201757U1; CN102397916A; CN102553975A; DE102015102271B4; CN112371765A; DE102013207307A1

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