

Title (en)

DRIVE DEVICE FOR DETACHING ROLLERS OF A COMBER

Title (de)

ANTRIEBSVORRICHTUNG FÜR ABREISSWALZEN EINER KÄMMMASCHINE

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT POUR CYLINDRES ARRACHEURS D'UNE MACHINE DE PEIGNAGE

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Application

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Priority

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Abstract (en)

[origin: CN110067046A] The invention relates to a drive device for a separating roller (34) of a comber (4), the drive device having a housing (60a) surrounding a gear device (51a). The gear device (51a) has a first drive train (62) of a drive shaft (64), the first drive shaft (64) transmits a continuous rotational motion to the separating roller (34) via a hollow wheel (74) of a differential gear device (66), and the gear unit (51a) has a second drive train (68) with a separation roller auxiliary shaft (70), and the separation roller cam disc device (72) is disposed on the separation roller auxiliary shaft (70) to generate forward and backward movement. Through the continuous rotational movement of the hollow wheel (74) and the forward and backward movement of the separation cam disc device (72), the reciprocating motion is transmitted to a separating roller. According to the invention, an adjustment mechanism (158) is provided for adjusting the gear ratio between the continuous rotational motion and the forward and backward movement.

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