

Title (en)

FEEDING AND CUTTING UNIT FOR A DISPENSER OF PAPER SHEETS OBTAINED FROM A CONTINUOUS BAND

Title (de)

ZUFÜHR- UND SCHNEIDEEINHEIT FÜR EINEN SPENDER VON PAPIERBLÄTTERN EINES ENDLOSBANDES

Title (fr)

UNITÉ D'ALIMENTATION ET DE DÉCOUPAGE DESTINÉE À UN DISTRIBUTEUR DE FEUILLES DE PAPIER OBTENUES À PARTIR D'UNE BANDE CONTINUE

Publication

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Application

EP 13725805 A 20130418

Priority

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Abstract (en)

[origin: WO2013164723A1] A feeding and cutting unit for a dispenser of paper sheets obtained from a continuous band comprises a supporting structure (1, 2, 3) that rotatably supports a feeding roller (4) which in turn internally rotatably supports a shaft (5) parallel thereto which carries a blade (6) that during the rotation of the blade-carrying shaft (5) projects through a corresponding longitudinal slot formed in the feeding roller (4), the unit including a pair of constantly engaged end gearings formed by a first toothed wheel (7) integral with and coaxial to the blade-carrying shaft (5) and a second toothed wheel (8) formed on the supporting structure (1, 2, 3) at a position coaxial to the axis of rotation of the feeding roller (4). In this way, a simplification of the unit is achieved as well as a greater reliability and smoothness of operation guaranteed by the constant engagement whereby there are no problems of synchronized rotation of the blade-carrying shaft (5) and of the feeding roller (4) regardless of plays or wear that may rise over time.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2013164723A1

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