

Title (en)

SLIDING CLUTCH BETWEEN THE CORE OF A SPOOL OF AN OFFICE MACHINE AND A CONCENTRIC DRIVING GEAR

Publication

EP 0368078 B1 19921230 (DE)

Application

EP 89119807 A 19891025

Priority

DE 8813861 U 19881105

Abstract (en)

[origin: US5150851A] A tape dispenser comprises a housing, a reel core (3) rotatable in the housing about an axis and having an inner periphery formed with an annular array of inwardly directed core teeth (17), and a drive wheel rotatable in the housing about the axis. A plurality of elastically deformable spring tongues (15) formed unitarily with each other each extend at an angle to the axis from the respective inner end fixed to the drive wheel to a respective outer end lying within the reel core adjacent the inner periphery thereof. Each inner end is axially offset and radially inwardly offset from the respective outer end and each outer end is integrally formed with at least one tongue tooth engaging between the core teeth. A supply of tape (14) is wound on the reel core such that when the tape is payed out or wound up on the reel core same rotates relative to the drive wheel and the core teeth move angularly relative to the tongue teeth with elastic inward deflection of same.

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B65H 75/34

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

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US 5150851 A 19920929; AT E84014 T1 19930115; DE 58903170 D1 19930211; DE 8813861 U1 19881222; EP 0368078 A2 19900516; EP 0368078 A3 19900530; EP 0368078 B1 19921230; ES 2037368 T3 19930616; GR 3006893 T3 19930630; JP H02243482 A 19900927; JP H0631132 B2 19940427; KR 900007620 A 19900601; KR 940001581 B1 19940225

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