

Title (en)
ON-LOAD TAP CHANGER

Title (de)
LASTSTUFENSCHALTER

Title (fr)
CHANGEUR DE PRISES EN CHARGE

Publication
EP 4042461 A1 20220817 (DE)

Application
EP 20774966 A 20200917

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Abstract (en)
[origin: WO2021094015A1] An on-load tap-changer (10) for switching, without interruption, between winding taps (N1,...NJ,... NN) of a tapped transformer (1), said on-load tap-changer comprising: - at least one selector unit (30) for preselecting, without power, a designated winding tap (NJ); - at least one load transfer switch unit (40) for actually transferring a load from the previous winding tap (NJ-1) to the preselected winding tap (NJ); - at least one gear mechanism (50) comprising a first gear (31) and a second gear (41), said first gear (31) being associated with the selector unit (30) and said second gear (41) being associated with the load transfer switch unit (40); - and a driveshaft (60) that is operated by a motor drive (70), wherein: - the first gear (31) and the second gear (41) are directly mechanically operatively connected to each other so that the gears (31, 41) are operated simultaneously; - and the driveshaft (60) can drive either the first gear (31) or the second gear (41).

IPC 8 full level
H01H 9/00 (2006.01)

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