

Title (en)  
STEP SWITCH WITH SELECTOR

Title (de)  
STUFENSCHALTER MIT EINEM VORWÄHLER

Title (fr)  
COMMUTATEUR A GRADINS AVEC PRESELECTEUR

Publication  
**EP 1105896 B1 20020410 (DE)**

Application  
**EP 99927873 A 19990604**

Priority  
• DE 19836463 A 19980812  
• EP 9903868 W 19990604

Abstract (en)  
[origin: US6849813B1] The invention relates to a tap selector switch with a preselector for uninterrupted switching-over between different winding taps of a tapped transformer. The entire selector is in that case accommodated as a separate assembly in an own insulating material housing, and the fixed preselector contacts are constructed in circular form and arranged around a switch rod in different planes in the interior of this insulating material cylinder. Connection to them is made by preselector contact bridges, which are fastened to the switch rod, with radially resilient contact members.

IPC 1-7  
**H01H 9/00**

IPC 8 full level  
**H01F 29/02** (2006.01); **H01F 29/04** (2006.01); **H01H 1/00** (2006.01); **H01H 9/00** (2006.01); **H01H 31/28** (2006.01); **H01H 3/44** (2006.01)

IPC 8 main group level  
**H01H** (2006.01)

CPC (source: EP KR US)  
**H01H 9/0016** (2013.01 - EP US); **H01H 9/0044** (2013.01 - EP US); **H01H 63/02** (2013.01 - KR); **H01H 3/44** (2013.01 - EP US)

Cited by  
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Designated contracting state (EPC)  
AT DE FR GB IT SE

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**US 6849813 B1 20050201**; AT E216124 T1 20020415; AU 4506699 A 20000306; BG 104588 A 20010131; BG 63834 B1 20030228; BR 9907917 A 20010911; BR 9907917 B1 20130528; CA 2340262 A1 20000224; CN 1123020 C 20031001; CN 1275240 A 20001129; CZ 20001327 A3 20000816; CZ 297115 B6 20060913; DE 19836463 C1 19991021; DE 59901215 D1 20020516; EP 1105896 A1 20010613; EP 1105896 B1 20020410; HK 1036875 A1 20020118; HU 223889 B1 20050329; HU P0100174 A2 20010528; HU P0100174 A3 20020930; JP 2002522918 A 20020723; JP 4588880 B2 20101201; KR 100407621 B1 20031128; KR 20010071953 A 20010731; PL 192641 B1 20061130; PL 351754 A1 20030616; RO 118989 B1 20040130; RU 2219609 C2 20031220; UA 53800 C2 20030217; WO 0010182 A1 20000224

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**US 55429100 A 20000509**; AT 99927873 T 19990604; AU 4506699 A 19990604; BG 10458800 A 20000710; BR 9907917 A 19990604; CA 2340262 A 19990604; CN 99801347 A 19990604; CZ 20001327 A 19990604; DE 19836463 A 19980812; DE 59901215 T 19990604; EP 9903868 W 19990604; EP 99927873 A 19990604; HK 01105574 A 20010810; HU P0100174 A 19990604; JP 2000565550 A 19990604; KR 20017000743 A 20010117; PL 35175499 A 19990604; RO 200100155 A 19990604; RU 2001106638 A 19990604; UA 01020907 A 19990604