

Title (en)
CIRCUIT BREAKER

Title (de)
SCHUTZSCHALTER

Title (fr)
DISJONCTEUR

Publication
EP 4131308 A1 20230208 (EN)

Application
EP 22188427 A 20220803

Priority
CN 202110883737 A 20210803

Abstract (en)
A circuit breaker includes an L-pole circuit breaker (3, 6), an N-pole circuit breaker (4, 7) and a remote opening controller (5,8). An L-pole lock catch (31) and an N-pole lock catch (41) are connected through a lock catch shaft (32, 61). The N-pole lock catch (41) is provided with a socket (411) for realizing delayed tripping. One end of the lock catch shaft (32, 61) passing through the socket (411) on the N-pole lock catch (41), is connected and fitted with the remote opening controller (5,8), and another end of the lock catch shaft (32, 61) is connected and fitted with the L-pole lock catch (31). The shape of the socket (411) is configured to be capable of accommodating the lock catch shaft (32, 61) to abut against the socket (411) after the lock catch shaft (32, 61) conducts a certain movement stroke.

IPC 8 full level
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CPC (source: CN EP)
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H01H 71/50 (2013.01 - CN); **H01H 7/00** (2013.01 - EP); **H01H 71/1027** (2013.01 - EP); **H01H 2009/265** (2013.01 - EP);
H01H 2071/1036 (2013.01 - EP)

Citation (search report)
• [A] CN 206877941 U 20180112 - ZHEJIANG CHINT ELECTRIC APPLIANCE CO LTD
• [A] CN 102568952 A 20120711 - BEIJING ABB LOW VOLTAGE ELECTRIC EQUIPMENT CO LTD
• [A] WO 2013114396 A2 20130808 - LARSEN & TOUBRO LTD [IN], et al

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

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