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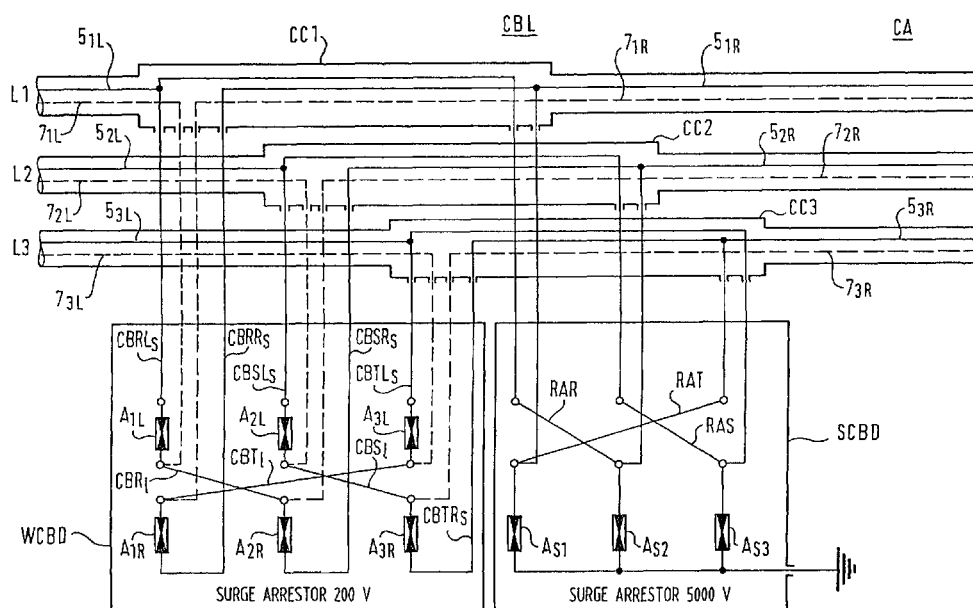
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(54) Title: THREE-PHASE HIGH VOLTAGE CABLE ARRANGEMENT HAVING CROSS-BONDED CABLE SCREENS AND CROSS-BONDED WATER SENSING WIRES



(57) Abstract: The invention relates to a cable arrangement (CA) where three cables (L1, L2, L3) have at least two cross-bonding locations (SCB) when transmitting power between a first location (A) and a second location (B). At the cross-bonding location (CBL) not only the screens (51L, 52L, 53L; 51R, 52R, 53R) but also the water sensing wires (71L, 72L, 73L; 71R, 72R, 73R) are cross-bonded in cross-bonding devices (WCBD, SCBD). Thus, voltage differences between the water sensing wires and the screens of the respective cables in the three-phase system can be avoided. The invention finds particular application in high power transmission systems using high voltage cables.



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