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(54) Title: WATERPROOF CURTAINS AT ENDS OF UNDERWATER CHANNEL FOUNDATION PIT ALONG WATER BANKS

(54) 发明名称: 水下通道基坑沿水两岸的端头处的止水帷幕

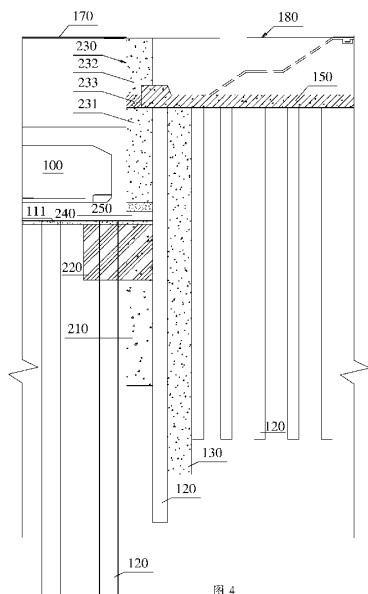


图 4

(57) Abstract: Waterproof curtains (200) at ends of an underwater channel foundation pit (110) along water banks, comprising first high-pressure jet grout piles (210) and second high-pressure jet grout piles (220) which are horizontally connected to each other and are provided below bottom plates (111) at ends (160) of the underwater channel foundation pit (110) along water banks, and third high-pressure jet grout piles (230) which are located above the bottom plates (111) of the underwater channel foundation pit (110) and are vertically connected to the first high-pressure jet grout piles (210); and the second high-pressure jet grout piles (220), the third high-pressure jet grout piles (230) and the first high-pressure jet grout piles (210) under the third high-pressure jet grout piles (230) are located on the inner side of foundation pit retaining piles at the ends (160) of the underwater channel foundation pit (110) along the water banks. The waterproof curtains (200) have a good waterproof effect, and can eliminate or reduce the leakage of the underwater channel foundation pit (110).

(57) 摘要: 一种水下通道基坑 (110) 沿水两岸的端头处的止水帷幕 (200), 包括设置于水下通道基坑 (110) 沿水两岸的端头处 (160) 的底板 (111) 以下相互水平连接设置的第一高压旋喷桩 (210) 和第二高压旋喷桩 (220), 位于水下通道基坑 (110) 底板 (111) 以上与所述第一高压旋喷桩 (210) 垂直衔接的第三高压旋喷桩 (230); 所述第二高压旋喷桩 (220)、第三高压旋喷桩 (230) 及其下第一高压旋喷桩 (210) 位于所述水下通道基坑 (110) 沿水两岸的端头处 (160) 的基坑围护桩的内侧。该止水帷幕 (200) 止水效果好, 能够消除或者降低水下通道基坑 (110) 发生渗漏的问题。

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