Title (en)

MOBILE PLANT CLEANING THE BALLAST OF A TRACK WITH MEANS TO DISTRIBUTE SAID BALLAST

Publication

EP 0239711 B1 19890524 (DE)

Application

EP 86890086 A 19860402

Priority

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Abstract (en)

[origin: ES2004350A6] A mobile ballast cleaning apparatus comprises a first and a second work vehicle. A track lifting device and a vertically adjustable ballast excavating and conveying chain are mounted on the first work vehicle, and a ballast screening installation for separating waste from cleaned ballast and a waste conveyor means for removing the waste are mounted on the second work vehicle. The apparatus further comprises a cleaned ballast conveying and redistributing installation including a conveyor band mounted on the second vehicle for receiving the cleaned ballast from the ballast screening installation, a first cleaned ballast conveyor arranged to convey the cleaned ballast to an output end adjacent a first ballast redistributing outlet immediately rearwardly of the ballast excavating site, and a second cleaned ballast conveyor having an input end adjacent the output end of the first ballast conveyor and leading to a second ballast redistributing outlet arranged rearwardly of the rear undercarriage of the first work vehicle. A ballast flow deflector is mounted between the output end of the first cleaned ballast conveyor and the input end of the second cleaned ballast conveyor, and a drive selectively positions the ballast flow deflector for directing the cleaned ballast to the first outlet for continuously forming a first layer of cleaned ballast as the mobile apparatus advances in the operating direction and/or to the second outlet for forming a second layer of cleaned ballast over the first layer.

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IPC 8 full level

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