

Title (en)  
TRACK-BUILDING MACHINE AND METHOD FOR TAMPING A TRACK

Title (de)  
GLEISBAUMASCHINE UND VERFAHREN ZUM STOPFEN EINES GLEISES

Title (fr)  
ENGIN DE POSE DE VOIE ET PROCÉDÉ POUR BOURRER UNE VOIE FERRÉE

Publication  
**EP 3973104 A1 20220330 (DE)**

Application  
**EP 20721205 A 20200423**

Priority  
• AT 1942019 A 20190523  
• EP 2020061271 W 20200423

Abstract (en)  
[origin: WO2020233934A1] Track-building machine (1) for tamping a ballast bed (8) of a track (5), having a machine frame (3) which can move on rail bogies (2) and having a tamping unit (4) which comprises tamping tools (11) which can be lowered into the ballast bed (8), can be caused to vibrate and can be adjusted relative to one another, wherein a camera (30) for transmitting real-time recordings to an output device (16) is arranged in a working direction (13) upstream of the tamping unit (4). In the working direction (13) upstream of the tamping unit (4) there is arranged a first camera system (14) in order to capture a first surface region (23) of the track (5) as a first image detail (24, 25). In the working direction (13) downstream of the tamping unit (4) there is additionally arranged a second camera system (15) in order to capture a second surface region (26) of the track (5) as a second image detail (27, 28), wherein the captured image details (24, 25, 27, 28) partially overlap and wherein the output device (16) is designed to output the image details (24, 25, 27, 28) in a combined image.

IPC 8 full level  
**E01B 27/16** (2006.01); **E01B 27/17** (2006.01)

CPC (source: AT EP US)  
**E01B 27/16** (2013.01 - AT EP); **E01B 27/17** (2013.01 - AT US); **E01B 27/17** (2013.01 - EP); **E01B 2203/10** (2013.01 - US); **E01B 2203/12** (2013.01 - AT); **E01B 2203/16** (2013.01 - US)

Citation (search report)  
See references of WO 2020233934A1

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