

Title (en)

Excavation chain for excavating track bed material

Title (de)

Aushubkette zum Ausbauen von Gleisbettmaterial

Title (fr)

Chaîne de terrassement destinée à démonter le matériau de ballast

Publication

EP 2631361 A3 20141126 (DE)

Application

EP 13155596 A 20130218

Priority

DE 102012202680 A 20120222

Abstract (en)

[origin: EP2631361A2] The chain has two movable connection points (2, 3) interconnected by adjacent chain links (1), where some of the chain links bear excavating elements (11) with scratch plates (12). Each chain link includes two releasably interconnected parts (5a, 5b), where the parts include the respective connection points for connection to the adjacent chain links. Each chain link is divided transversely to a connecting line of the chain link, where each chain link is divided in a dividing region (6), and the divided chain link is removable by a connecting pin.

IPC 8 full level

E01B 27/04 (2006.01); **E02F 3/10** (2006.01)

CPC (source: EP)

E01B 27/04 (2013.01); **E02F 3/10** (2013.01); **E02F 3/143** (2013.01)

Citation (search report)

- [A] WO 2010070741 A1 20100624 - MIZUTANI GUMI CO LTD [JP], et al
- [A] EP 1387010 A1 20040204 - PLASSER BAHNBAUMASCH FRANZ [AT]
- [A] US 2527637 A 19501031 - KNIFFEN ROY S, et al
- [A] EP 1498547 A1 20050119 - PLASSER BAHNBAUMASCH FRANZ [AT]

Cited by

CN114369975A; AT523620A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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EP 13155596 A 20130218; DE 102012202680 A 20120222