

Title (en)
CONNECTION CLAMP

Title (de)
VERBINDUNGSKLEMME

Title (fr)
BORNE DE CONNEXION

Publication
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Application
EP 16794300 A 20161108

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• DE 102015119247 A 20151109
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Abstract (en)
[origin: WO2017081001A1] The invention relates to a connection clamp for connecting at least two electrical conductors to one another, having the following features: a) the connection clamp has an insulating housing with at least one first and one second conductor insertion opening, b) the first and second conductor insertion openings are arranged on mutually opposite sides of the insulating housing, c) in the insulating housing there are arranged a first spring-force clamping connection for electrically contacting a first electrical conductor inserted through the first conductor insertion opening and a second spring-force clamping connection for electrically contacting a second electrical conductor inserted through the second conductor insertion opening, d) the first spring-force clamping connection is electrically connected to the second spring-force clamping connection via a bus bar, e) the first spring-force clamping connection has at least one first clamping spring which has a clamping leg for clamping the first electrical conductor against a first clamping point of the bus bar, and a bearing leg for supporting the clamping spring, f) the second spring-force clamping connection has at least one second clamping spring which has a clamping leg for clamping the second electrical conductor against a second clamping point of the bus bar, and a bearing leg for supporting the second clamping spring, g) the bus bar has at least one through-opening which is arranged between the first and second clamping points, h) wherein an extended end section of the bearing leg of the first and/or of the second clamping spring is hooked into the through-opening of the bus bar.

IPC 8 full level
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Citation (opposition)
Opponent : PHOENIX CONTACT GmbH & Co. KG,
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