

Title (en)
BUSBAR CONNECTION SYSTEM

Title (de)
SAMMELSCHIENENANSCHLUSSSYSTEM

Title (fr)
SYSTÈME DE CONNEXION DE BARRE DE BUS

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Application
EP 21217080 A 20211222

Priority
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Abstract (en)
The present invention relates to a busbar system, a busbar assembly 1a, a busbar connection system 1 and a method for electrically connecting busbars of different potentials P1, P2, particularly for electrically connecting a first busbar portion 10 with a second busbar portion 12 and a third busbar portion 20 with a fourth busbar portion 22. The system 1 comprising a first electrically conductive bushing 30, including a through hole for providing a passage 35 through the third and fourth busbar portions 20, 22 and being configured for electrically connecting the first busbar portion 10 with the second busbar portion 12. The system further comprising a first insulator bushing 40, being configured for receiving the first electrically conductive bushing 30 at least partially and for electrically insulating busbar portions 10,12 configured for the first potential from busbar portions 20, 22 configured for the second potential P2, and a pressing means 50, comprising a shaft 52 that is configured for being received in the first electrically conductive bushing 30 so as to extend through the passage 35, wherein the pressing means 50 is configured for pressing first, second, third and fourth busbar portions 10, 12, 20, 22 in a shaft direction to electrically connect the first busbar portion 10 with the second busbar portion 12 and the third busbar portion 20 with the fourth busbar portion 22.

IPC 8 full level
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CPC (source: EP)
H01R 4/34 (2013.01); **H01R 4/5008** (2013.01); **H01R 4/505** (2013.01)

Citation (search report)
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• [A] "LAMINAR AND SEPARABLE ELECTRICAL CONNECTIONS WITH MULTIPLE CONTACTS", RESEARCH DISCLOSURE, KENNETH MASON PUBLICATIONS, HAMPSHIRE, UK, GB, no. 334, 1 February 1992 (1992-02-01), pages 143, XP000291248, ISSN: 0374-4353

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