

Title (en)
COMPUTER NETWORK OF NODES COMMUNICATING WITH ONE ANOTHER BY PEER-TO-PEER MESSAGES AND ASSOCIATED METHOD FOR INTERCONNECTING BETWEEN NODES

Title (de)
COMPUTERNETZWERK VON KNOTEN ZUR KOMMUNIKATION MITEINANDER DURCH PEER-TO-PEER-NACHRICHTEN UND ZUGEHÖRIGES VERFAHREN ZUR VERBINDUNG ZWISCHEN DEN KNOTEN

Title (fr)
RESEAU INFORMATIQUE DE NOEUDS COMMUNIQUANT ENTRE EUX PAR MESSAGES EN PAIR A PAIR ET PROCEDE D'INTERCONNEXION ENTRE NOEUDS ASSOCIE

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Application
EP 17838185 A 20171227

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• FR 1663408 A 20161227
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Abstract (en)
[origin: WO2018122533A1] The invention concerns a computer network of nodes (1, 2) communicating with one another by peer-to-peer messages, message-producer nodes (1) sending their produced messages to message-consumer nodes (2), a consumer node (2) also being able to be a producer node (1) at another level of the network (6), characterised in that each message-producer node (1): chooses, among the nodes (1, 2) registered as active in the network, its consumer nodes (2) in order to interconnect with them; keeps up-to-date the list of its interconnected consumer nodes (2); manages the load distribution of its produced messages to its interconnected consumer nodes (2), according to the processing time, by its interconnected consumer nodes (2), of its produced messages, by sending its produced messages primarily to its interconnected consumer nodes (2) having low processing times; and, modifies its list of interconnected consumer nodes (2) according to the processing time, by its interconnected consumer nodes (2), of its produced messages, by deleting from its list, at least temporarily, those of its interconnected consumer nodes (2) which are too slow.

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CPC (source: EP)
H04L 67/104 (2013.01); **H04L 67/1046** (2013.01); **H04W 84/18** (2013.01); **H04W 8/005** (2013.01)

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