

Title (en)  
SYSTEM FOR QUANTIFYING THE DISCREPANCY BETWEEN A PATIENT RECEIVING ASSISTED BREATHING AND A CORRESPONDING ASSISTANCE DEVICE

Title (de)  
SYSTEM ZUR QUANTIFIZIERUNG DER DISKREPANZ ZWISCHEN EINEM PATIENTEN MIT ATEMUNTERSTÜTZUNG UND EINER ENTSPRECHENDEN UNTERSTÜTZUNGSVORRICHTUNG

Title (fr)  
SYSTÈME DE QUANTIFICATION DU DESACCORD ENTRE UN PATIENT SOUS ASSISTANCE RESPIRATOIRE ET UN APPAREIL D'ASSISTANCE CORRESPONDANT

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Application  
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Abstract (en)  
[origin: WO2010061092A1] The invention relates to a system characterised in that it comprises: a means (20) for acquiring information relating to the respiratory status of the patient (1) in a breathing cycle; a means (21) for acquiring information relating to the operating status of the assistance device (2) in a mechanical cycle; a means for filtering (22) and processing (23) said information to detect and locate changes in the status of the patient in a breathing cycle and of the device in a mechanical cycle; a means (24) for calculating a piece of information on the desynchronisation between the patient and the device according to said status changes; and a means (25) forming a human-machine interface for recreating said piece of desynchronisation information for an operator.

IPC 8 full level  
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