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(57) Abstract :

The present invention relates to a system (100) for postural analysis in the shoveling process. The system (100) comprises a posture analyzing unit (102). The posture analyzing unit (102) comprises a camera unit (104), an image analyzing unit (106), a data storage unit (108), a matching unit (110), a scoring unit, and a display unit (114), and central processing. The system (100) displays a final rapid entire body assessment of the employee according to the postural analysis to get information about health-related issues of the employees and to generate risk alert signals to the companies about the employee health. The system (100) for postural analysis in the shoveling process can analyze the body postures of the employees working in the manufacturing, production, and construction industries to save them from health-related issues such as muscle pain in the lower back, and cardiovascular.

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