

Title (en)  
SENSOR SYSTEM FOR ACTIVITY RECOGNITION

Title (de)  
SENSORSYSTEM ZUR AKTIVITÄTSERKENNUNG

Title (fr)  
SYSTÈME DE CAPTEUR DE RECONNAISSANCE D'ACTIVITÉ

Publication  
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Application  
**EP 20185382 A 20200710**

Priority  
BE 201905453 A 20190714

Abstract (en)  
The present invention provides a sensor system (1) for activity recognition. The sensor system (1) comprises at least two sensors (S<sub>1</sub>, S<sub>2</sub>, ..., S<sub>n</sub>) for capturing environmental data, a data processing unit (3) for each of the at least two sensors (S<sub>1</sub>, S<sub>2</sub>, ..., S<sub>n</sub>) for processing the captured data, a feature extraction unit (6) for each of the at least two sensors (S<sub>1</sub>, S<sub>2</sub>, ..., S<sub>n</sub>) for compacting the processed data by filtering out of the processed data information irrelevant for the activity, thereby obtaining activity relevant data, and a primary activity recognition unit (10) for, from the extracted relevant data, recognizing a primary activity. The feature extraction system and the primary activity recognition unit (10) are part of the sensor system (1), or in other words are located in the sensor system (1).

IPC 8 full level  
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CPC (source: EP)  
**G08B 21/0423** (2013.01); **G08B 21/0469** (2013.01)

Citation (applicant)  
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• US 2018306609 A1 20181025 - AGARWAL YUVRAJ [US], et al

Citation (search report)  
• [XYI] US 2019103005 A1 20190404 - GILBERTON PHILIPPE [FR], et al  
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• [Y] EP 2264988 A1 20101222 - DEUTSCHE TELEKOM AG [DE], et al  
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