

AI FOR PET – List of Patents (Intl.)

Country	Publication No.	Title	Summary	IPC	CPC	FI	F-TERM	Intl. Publication No.
US	20230301512	PORTABLE RETINA MEASURING DEVICE, AND OPHTHALMOLOGIC DISEASE MEASURING SYSTEM AND OPHTHALMOLOGIC DISEASE MANAGEMENT METHOD USING PORTABLE TERMINAL (휴대용 레티나 측정기 및 안과 질환 휴대 단말기를 이용한 측정 장치와 안과 질환 처리 방법)	Disclosed are a portable retina measuring device, and an ophthalmologic disease measuring system and an ophthalmologic disease management method using the portable terminal. The portable retina measuring device comprises: a photographing unit which obtains a photographed image by photographing the retina of a photography subject; and a device control unit which uses the obtained photographed image to generate measurement result data, wherein the photography unit comprises a flat light source irradiation unit, the flat light source irradiation unit comprising: a light source unit that generates...	A61B3/14 A61B3/12	A61B3/14 A61B3/1208 A61B3/0041			
US	20230301582	SKIN DISEASE DETECTION SYSTEM AND SKIN DISEASE MANAGEMENT METHOD USING PORTABLE TERMINAL (휴대 단말기를 이용한 피부 질환 탐지 시스템과 피부 질환 처리 방법)	Provided are a skin disease detection system and a skin disease management method using a portable terminal. The method comprises: a step in which a health management server generates skin health standard data by matching basic skin condition information with basic skin result data; a step in which the health management server receives skin condition measurement information for a skin disease of a test subject from a user terminal; and a step in which the health management server generates health result data by comparing and analyzing the skin condition measurement information on the basis of ...	A61B5/00 G16H50/30	A61B5/441 G16H50/30 A61B5/4842 A61B5/0077 A61B5/6898 A61B2503/40			
WO	2023136388	SERVICE PROVIDING SYSTEM CAPABLE OF PREDICTING AND DIAGNOSING STATE OF JOINTS, AND METHOD THEREFOR (조인트의 상태를 예상하고 진단할수있는 서비스 제공 시스템 및 그 방법)	Provided are a service providing system capable of predicting and diagnosing the state of joints, and a method therefor. The method relates to a service providing method capable of predicting and diagnosing the state of joints, which is performed by a server, the method comprising the steps of: extracting image information for each frame from photographed image data about a subject; extracting predictive joint data of the subject by inputting the image information for each frame to a pose estimation model in a plurality of convolutional layers of a convolutional neural network (CNN); and compa...	A61B5/00 A61B5/11 G06T7/11 G06T7/20				WO2023136388
WO	2022030683	PORTABLE RETINA MEASURING DEVICE, AND OPHTHALMOLOGIC DISEASE MEASURING SYSTEM AND OPHTHALMOLOGIC DISEASE MANAGEMENT METHOD USING PORTABLE TERMINAL (휴대용 레티나 측정기 및 안과 질환 휴대 단말기를 이용한 측정 장치와 안과 질환 처리 방법)	Disclosed are a portable retina measuring device, and an ophthalmologic disease measuring system and an ophthalmologic disease management method using the portable terminal. The portable retina measuring device comprises: a photographing unit which obtains a photographed image by photographing the retina of a photography subject; and a device control unit which uses the obtained photographed image to generate measurement result data, wherein the photography unit comprises a flat light source irradiation unit, the flat light source irradiation unit comprising: a light source unit that generates...	A61B3/14 A61B3/00 A61B5/00 A61B3/10				WO2022030683
WO	2022030685	SKIN DISEASE DETECTION SYSTEM AND SKIN DISEASE MANAGEMENT METHOD USING PORTABLE TERMINAL (휴대 단말기를 이용한 피부 질환 탐지 시스템과 피부 질환 처리 방법)	Provided are a skin disease detection system and a skin disease management method using a portable terminal. The method comprises: a step in which a health management server generates skin health standard data by matching basic skin condition information with basic skin result data; a step in which the health management server receives skin condition measurement information for a skin disease of a test subject from a user terminal; and a step in which the health management server generates skin health result data by comparing and analyzing the skin condition measurement information on the basis of ...	A61B5/00 G16H30/40 G16H80/00				WO2022030685