

Registro 1 de 1

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Title: Mobile computing device e.g. smartphone, for use by visually-impaired or low-vision users, has physical feature i.e. distinctly colored ridge, which defines center-line of device across short and/or long axes of device

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Abstract: NOVELTY - The device e.g. smartphone (1), has a physical feature i.e. distinctly colored ridge, which defines center-lines (2, 3) of the device across short and/or long axes of the device, where the feature locates or leads to a preset position of a camera lens. A bumper (8) is asymmetrically arranged around the device, where the body of the device has left-right asymmetrical shape. Sockets are set at the end of the bumper. A set of physical buttons for controlling device functions is set in the bumper. The device includes a physical keyboard (6) and a touch screen display (5) with haptic feedback.

USE - Mobile computing device such as smartphone, tablet or phablet, for use by visually-impaired or low-vision users.

ADVANTAGE - The device has a design based on tangible user benefits of usability and long lasting design quality. The device has sight-, sound- and touch-amplification characteristics. The device allows visually-impaired or low-vision users to easily navigate by feel by sensing position of hands and location of important parts by touch. The device has unique topography, thus allowing visually-impaired or low-vision users to easily identify the touching and holding options of the device by the user. The device has combined physical features with haptics, thus creating best possible interactive user experience.

DESCRIPTION OF DRAWING(S) - The drawing shows a perspective view of a smartphone.

Smartphone (1)

Center-lines (2, 3)

Touch screen display (5)

Physical keyboard (6)

Bumper (8)

Drawing:

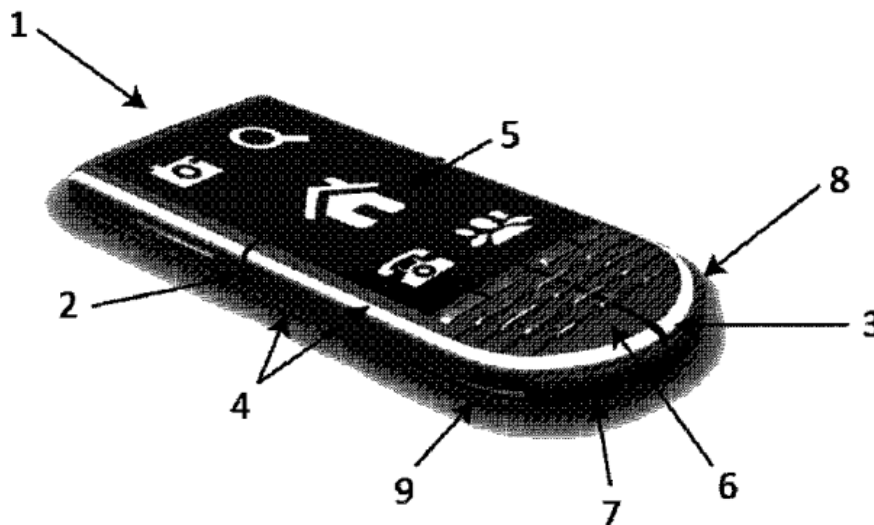


Figure 1

Derwent Class Code(s): P85 (Education, cryptography, adverts); T01 (Digital Computers); T04 (Computer Peripheral Equipment); W01 (Telephone and Data Transmission Systems)

Derwent Manual Code(s): T01-L02A; T04-F02A2; T04-F03; W01-C01A; W01-C01B8H; W01-C01D3C; W01-C01G8; W01-C01P2; W01-C01Q6A; W01-C01Q6E

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GB2518788-A	Based on	Patent	WO2013186574
EP2862037-A2	PCT application	Application	WOGB051565
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US2015141085-A1	PCT application	Application	WOGB051565
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EP2862037-A2:
(Regional): AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR; BA; ME

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