



TYPE OF RESULT

New technology
New product
New service
New knowledge or skill



COMMERCIAL MATURITY LEVEL

Conceptual idea
Proof of concept (design)
Validated in a controlled environment
Validated in a real environment
Successfully implanted



PROTECTION LEVEL

Non- applicable
Patent
Software
Know - how
Utility model

Invention title

PRODUCT CONTAINER FOR WALK ASSIST DEVICE AND ASSOCIATED WALK ASSIST DEVICE

File number

ES1235990Y

Priority date Status Country

08/05/2019
Granted
Spain

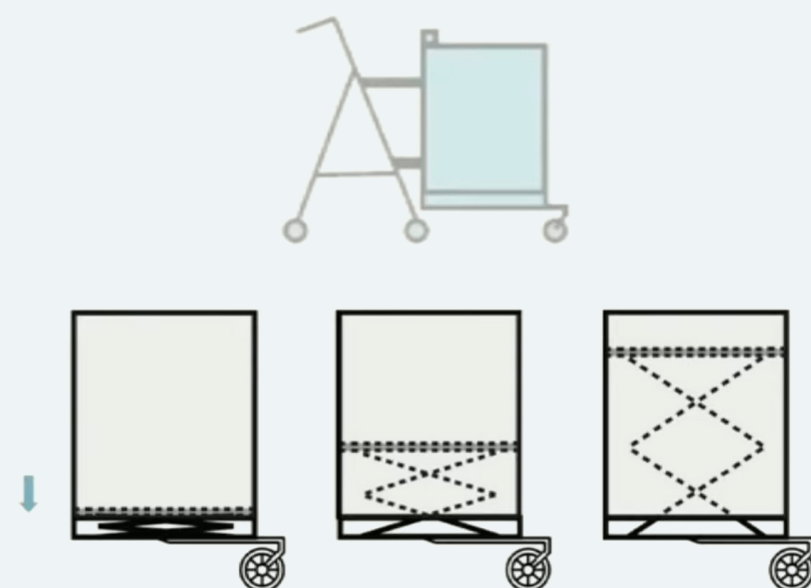
Description of the solution. Problem solved

This is a walking aid for adults that incorporates a smart shopping basket that helps people affected by mobility and/or stability problems to carry heavy loads and do daily life activities such as shopping.

It has a modular design, so it can be integrated to existing walking aids.

The basket includes the following:

- A motorised system that lifts the bottom of the basket, avoiding this way that user has to bend over or do any posture damaging their back.
- A RFID sensor system, already used in supermarket carts or logistic systems that allow people to manage the load intelligently or remotely by third parties.
- A support system for the phone, so apps as localization maps or voice assistants as SIRI or Google Assistant can help users all along their trips.



Fields of commercial application

- Directly, to orthopaedic products manufacturers.
- Indirectly, to large supermarket chains, insurance companies, food sector products manufacturers and retail.

Market opportunity

- Walking aid users.
- People with reduced mobility.

Competitive advantage

Currently, many users add bags or bicycle baskets to their walking aids.

Using the walking aid as a shopping cart itself is a missed opportunity. It also would lead to major savings since our basic modular model costs approximately €20 if we compare it to the price of mobility shopping trolleys like the model Lett 800, which is more expensive.

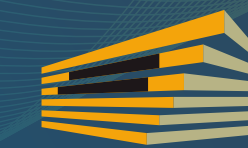
In addition to this, the higher model, which is able to lift the bottom of the basket, is a novelty that cannot be found in any other shopping cart.

Finally, the smart feature, may be of interest for a minor audience, but it is a major variable for positioning in the market.



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